

- 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.
- 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.

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."
 Specifications, designs and other content appearing in this brochure are current as of August 2021 but subject to change without notice.

Dealer

PT. DAIKIN AIRCONDITIONING INDONESIA

HEAD OFFICE:

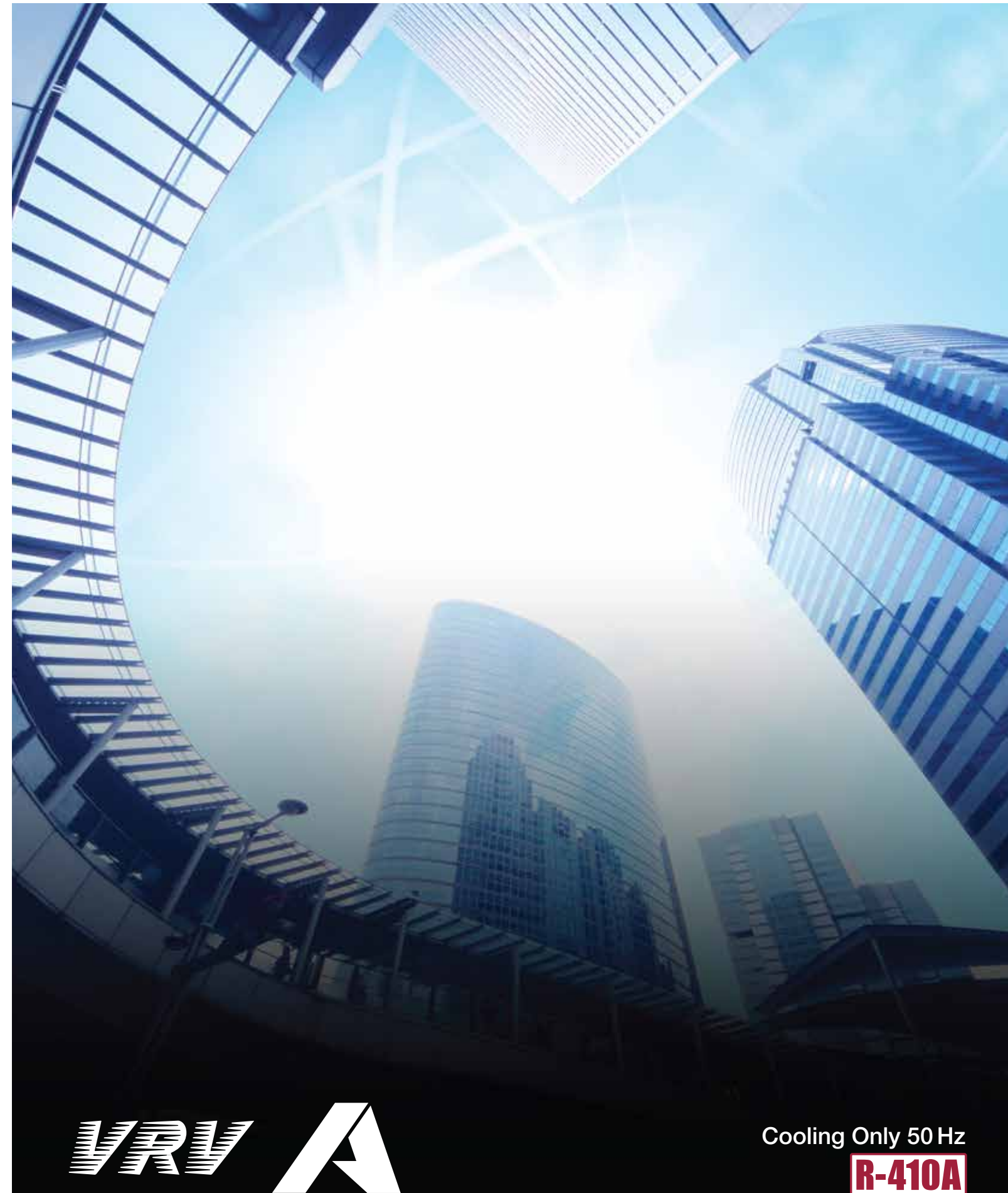
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 Jl. Jendral Sudirman Kav.3, Jakarta Pusat 10220
 Telp : +6221 5724 377
 Fax : +6221 5724 360/366
 Website : www.daikin.co.id



Management System
 ISO 9001:2015
 www.tuv.com
 ID 9105084312

- **SERVICE CENTER** : Jakarta Selatan, Telp. : 021-2782 5545 | Samarinda, Telp. : 0541-252 2889
- **WORKSHOP** : Cirebon, Telp. : 0231-8817 512 | Banjarmasin, Telp. : 0511-6776 838 | Aceh, Telp. : 0651-7318 036
- Lombok, Telp. : 0370-7843 231 | Jambi, Telp. : 0741-3066 790 | Padang, Telp. : 0751-896 2684
- **TRAINING CENTER** : Sunter, Telp. : 021-650 5030 • **BRANCH** : Bekasi, Telp. : 021-2945 0585
- Tangerang, Telp. : 021-5314 1195 | Bandung, Telp. : 022-522 5150 | Semarang, Telp. : 024-7660 3221
- Yogyakarta, Telp. : 0274-551 321 | Surabaya, Telp. : 031-503 1138 | Denpasar, Telp. : 0361-900 5514
- Makassar, Telp. : 0411-805 2691 | Palembang, Telp. : 0711-573 2282 | Pekanbaru, Telp. : 0761-561 139
- Medan, Telp. : 061-4200 8866 | Manado, Telp. : 0431-719 1199 | Batam, Telp. : 0778-4171 445

Daikin Contact Center : 0800 1 081 081 (Toll Free)



Exceeding Boundaries with Innovative Energy Savings



VRV A



Promotion movie

VRV+VRT+VAV

First launched in Japan in 1982, the Daikin **VRV** system has been embraced by world markets for over 35 years. Now, Daikin proudly introduces the new **VRV A** series. By combining the technologies of **VRV**, **VRT** and **VAV**, we have attained both energy savings and comfortable air conditioning.

Energy savings

Uniting **VRV**, **VRT** and **VAV** technologies

Automatic refrigerant charge function

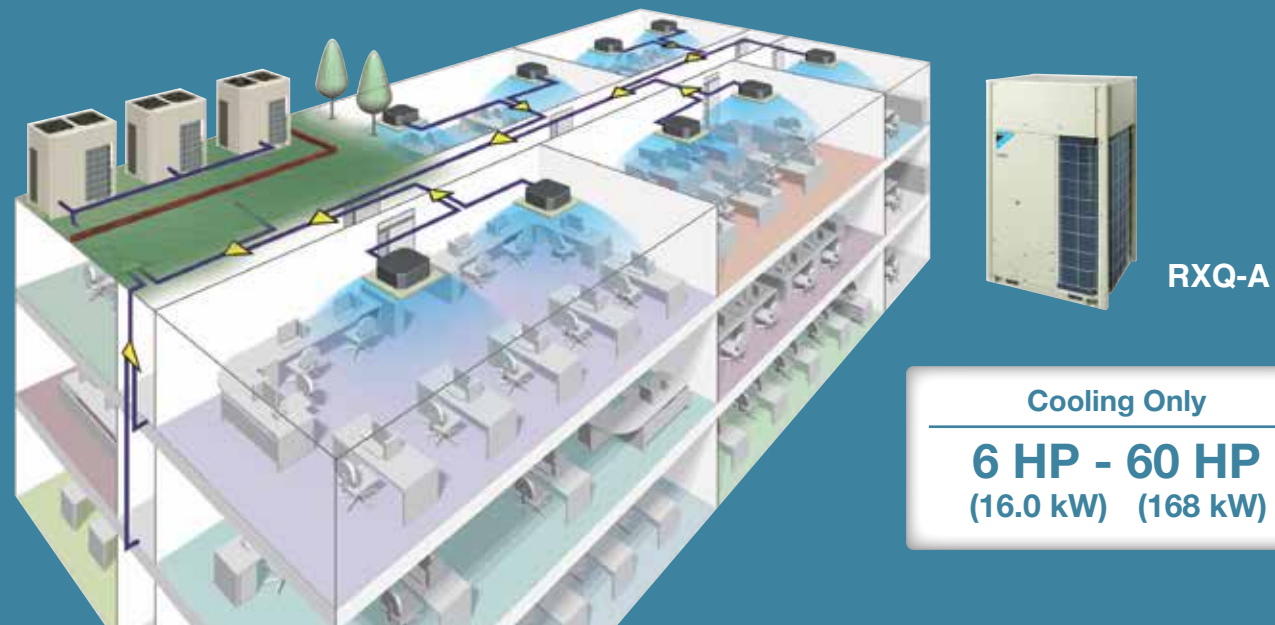
- Optimised operation efficiency
- Higher installation quality
- Easier installation

High reliability

- New inverter PC board
- Double backup operation
- Refrigerant cooling for PC board

* **VRV** is a trademark of Daikin Industries, Ltd.

Saves Space and Delivers Excellent Performance



Cooling Only
6 HP - 60 HP
 (16.0 kW) (168 kW)

Advanced technologies for greater energy savings VRV+VRT+VAV

By uniting advanced **software** and **hardware** technologies for greater energy savings during actual operation and combining the technologies of VRV, VRT and VAV, we have attained both energy savings and comfortable air conditioning.

VRT Smart Control (Fully Automatic Energy-saving Refrigerant Control)

Software technology

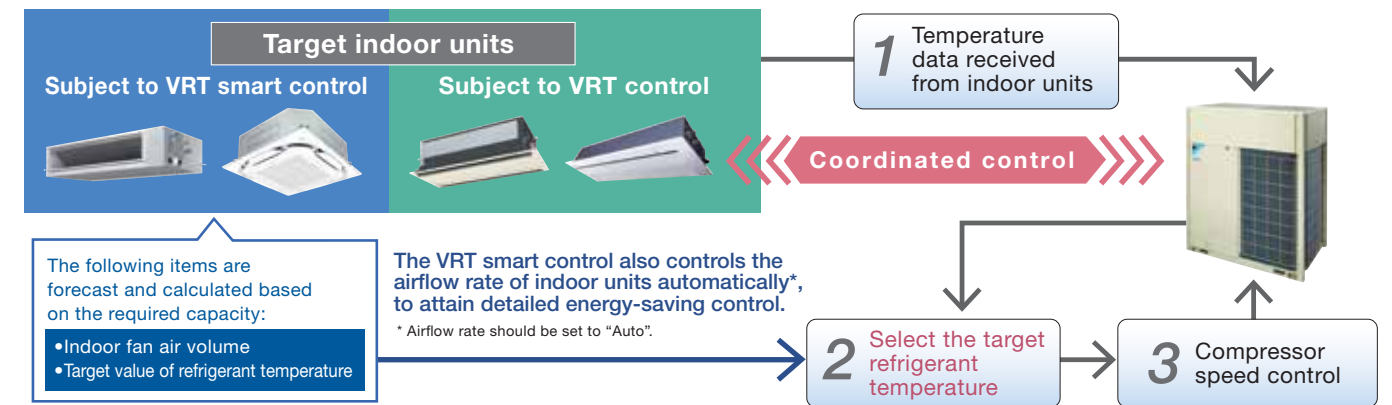
Optimally supply only for the needed capacity of indoor units

Daikin developed VRT smart control by combining air volume control (VAV: Variable Air Volume) for indoor units with conventional VRT control, which optimises compressor speed by calculating the required load for the entire system and optimal target refrigerant temperature based on data sent from each indoor unit. Coordination with the air volume control reduces compressor load and minimises operation loss based on detailed control. VRT smart control ensures energy savings and comfortable air conditioning to meet actual operating conditions.

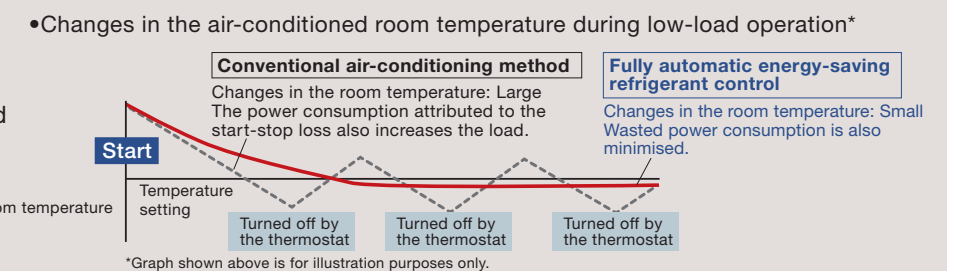


•Overview of the control (system control flow)

Different automatic energy-saving refrigerant control applies depending on the indoor units connected.



The smooth control (which keeps the compressor running) saves energy and ensures comfort during low-load operation.



Note:
 •For the classification of indoor units (VRT smart control and VRT control), refer to page 17-18.
 •If a system has indoor units subject to both VRT smart and VRT control, the system is operated under VRT control.
 •If a system has both outdoor-air processing air conditioners and outdoor-air processing type indoor units, VRT smart control and VRT control are disabled.

Optimum utilisation of VRT Smart Control and VRT Control

Effectiveness can be demonstrated for VRT Smart Control and VRT Control when all the indoor units operate under low load conditions in a similar manner.

Low load conditions are the time when room temperature approaches set temperature. For this reason, please note the following to maximise efficacy.

•When selecting indoor units

Indoor units are installed in a system so that they operate largely under the same conditions. Energy efficiency decreases for the installation patterns shown below.

Example:

- 1) A load imbalance occurs because an indoor unit in the same system is installed near the perimeter of the room or in the vicinity of a room entrance.
- 2) Different operating hours for indoor units.

•Time of Use

1. Energy efficiency decreases when the set temperature of a specified indoor unit is either excessively lowered during cooling operation.
2. The airflow rate setting is set to "Auto" during VRT Smart Control.

Greater energy savings during low-load operation

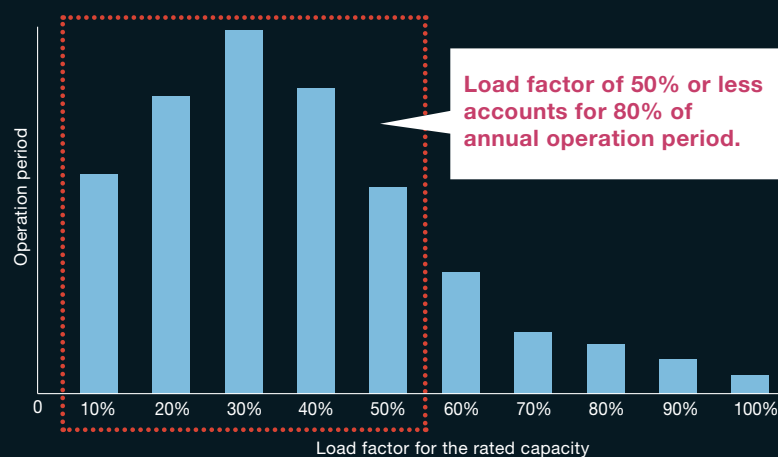
The key to innovative energy savings is to increase efficiency during low-load operation.

Using data gathered from actual operation, Daikin discovered that air conditioning systems operate at a load factor of 50% or less for 80% of their annual operation period.

This inspired us to develop new technologies to enhance energy efficiency during low loads.

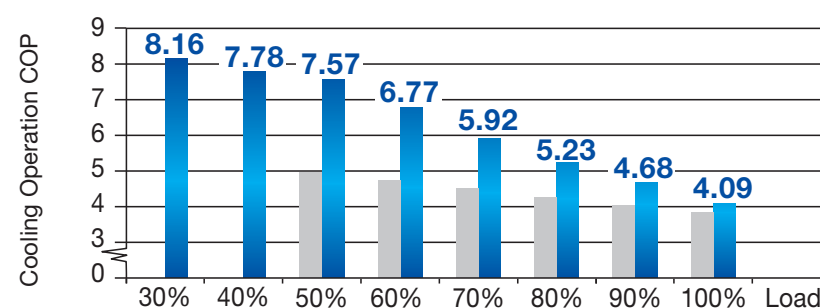
Utilising these technologies, Daikin's new VRV A series raises the standard for energy efficiency.

•Correlation between the load factor for the rated capacity and operation time (in office buildings in Singapore)
 *According to a survey by Daikin (based on Air Conditioning Network Service System data)



Higher Coefficient of Performance (COP)

COP for 10 HP



Annual power consumption **14%* lower**

* Simulation conditions :
 • Location : Bangkok, Thailand
 • System : Outdoor unit (10 HP) x 1
 Indoor unit (2 HP, Round Flow with Sensing type) x 5
 • Operation time : 8:00-20:00 5 days/week
 • Outdoor units :
 New model : RXQ10AYM (VRV A series)
 Conventional model : RXQ10TY1 (VRV IV)

■ VRV IV (RXQ10T)

■ VRV A SERIES

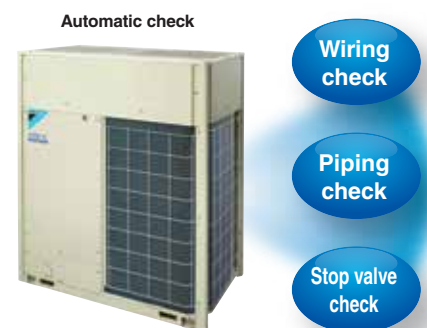
*Cooling operation conditions: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.

More accurate test operation and stable system

Efficient automatic test operation

Daikin **VRV A** series incorporates a simplified and efficient test operation function, not only greatly accelerating the installation process, but effectively improving the field setting quality as well.

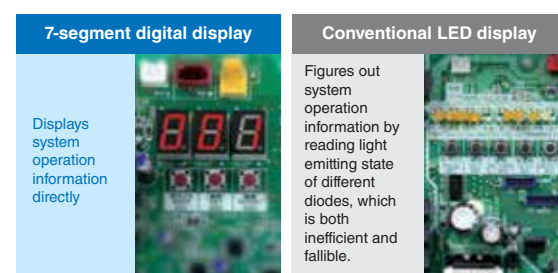
- Automatically checks the wirings between outdoor units and indoor units to confirm whether there is a defective wiring.
- Confirms piping length to optimise operation.
- Automatically checks whether the stop valve in each outdoor unit is in normal status to ensure the smooth operation of air conditioning system.



Simplified commissioning and after-sales service

Function of information display by luminous digital tube

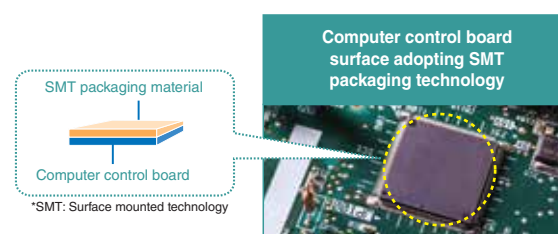
VRV A series utilises 7-segment luminous digital tubes to display system operation information, enabling the operational state to be visually displayed whilst facilitating simplified commissioning and after-sales service.



Advanced control main PC board

SMT* packaging technology

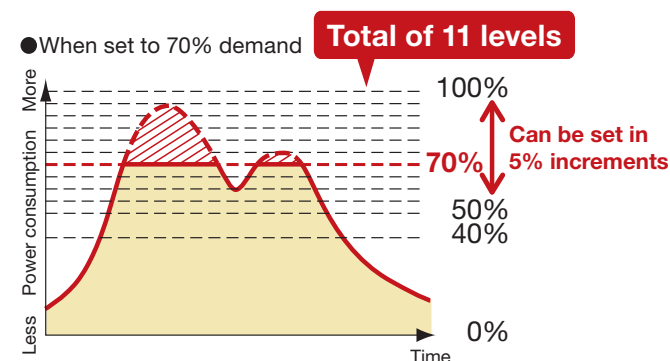
- SMT packaging technology adopted by the whole computer control panel improves the anti-clutter performance.
- Protects your computer boards from the adverse effect of sandy and humid weather.



I-demand function

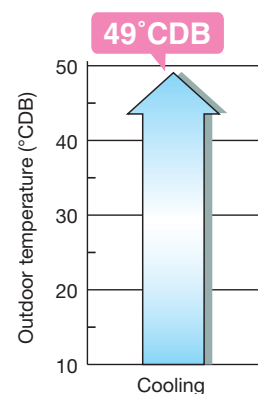
Limit to power consumption can be set precisely to one of 11 levels. Peak power cut-off can be accomplished according to each user situation.

*Set on the circuit board of the outdoor unit.



Wide operation temperature range up to 49°C

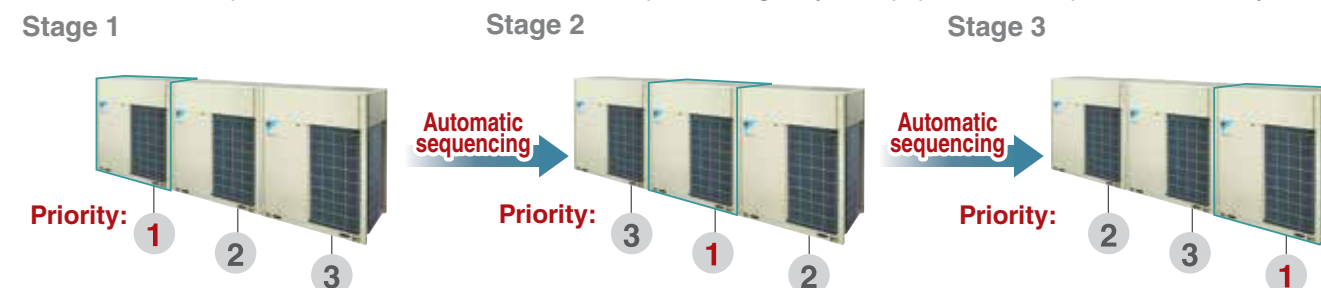
The versatile operation range of the **VRV A** series works to reduce limitations on installation locations. The operation temperature range for cooling can be performed with outdoor temperatures as high as 49°C. This enables reliable operation even under high temperature conditions.



Note: When outdoor temperature falls below 10°C, the thermostat shuts OFF, the outdoor unit stops, and operation switches from cooling to fan operation.

Automatic sequencing operation

During start-up, Daikin **VRV A** series outdoor unit sequencing operation will be automatically enabled to ensure balance operation of each outdoor unit to improve longevity of equipment and operation stability.



Double backup operation functions

Daikin **VRV A** series outdoor unit boasts double backup operation functions, which can secure the use of air conditioners in this area to the greatest extent by emergently enabling double backup operation functions even if failure occurs in a set of air conditioning equipment. In the event of a failure, emergency operation can be conveniently enabled to allow the remaining system to operate in a limited fashion.

Unit backup operation function

If one of the unit in a multiple outdoor system malfunctions, the other outdoor units provide emergency operation until repairs can be made.

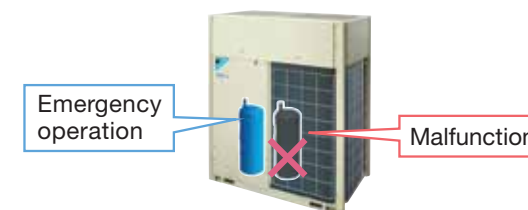
* For systems composed of two or more outdoor units.



Compressor backup operation function

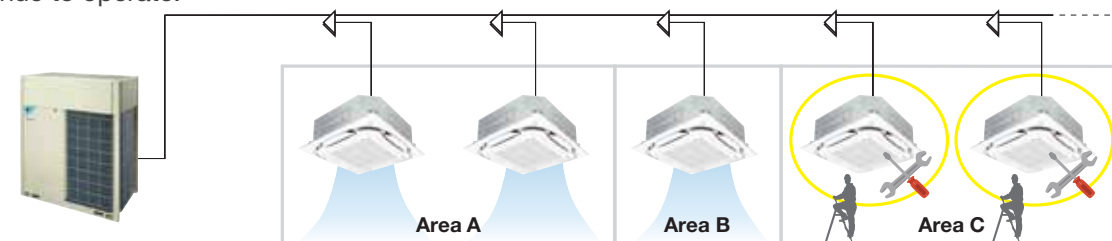
The outdoor unit is equipped with two compressors. Even if one compressor malfunctions, the other compressor provides emergency operation, reducing the risk of air conditioning shutdown due to compressor failure. (The capacity is saved during backup operation.)

* For a single outdoor unit system RXUQ14-20AY14 models. On-site settings are required using the printed circuit board of the outdoor unit.



Ease of Maintenance

VRV A series provides maintenance feature* which allows the shutdown of indoor unit without shutting down the whole **VRV** system. This feature comes in handy during maintenance period as the remaining indoor units continue to operate.



* Field setting is required. This feature does not apply to residential indoor unit connection and is not applicable for all situations. For more information, please contact Daikin sales office.






VRV A Series Outdoor Units




The outdoor unit capacity is up to 60 HP (168 kW) in increment of 2 HP.

- VRV A series outdoor unit offers a high capacity of up to 60 HP, responding to the needs of large-sized building.
- The single outdoor unit has only 2 different shapes and dimensions, not only simplifying the design process, but also bringing the system flexibility to a new level.
- With the outdoor unit capacity increased in increment of 2 HP, customers' needs can be precisely met.

Lineup

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

																																				
MODEL		RXQ6AY14	RXQ8AY14	RXQ10AY14	RXQ12AY14	RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ20AY14	RXQ18AMY14	RXQ20AMY14	RXQ22AMY14	RXQ24AMY14	RXQ26AMY14	RXQ28AMY14	RXQ30AMY14	RXQ20AY14	RXQ18AMY14	RXQ20AMY14	RXQ22AMY14	RXQ24AMY14	RXQ26AMY14	RXQ28AMY14	RXQ30AMY14	RXQ20AY14	RXQ18AMY14	RXQ20AMY14	RXQ22AMY14	RXQ24AMY14	RXQ26AMY14	RXQ28AMY14	RXQ30AMY14				
Combination units		—	—	—	—	—	—	—	—	RXQ8AY14	RXQ8AY14	RXQ10AY14	RXQ12AY14	RXQ12AY14	RXQ12AY14	RXQ12AY14	—	RXQ8AY14	RXQ8AY14	RXQ10AY14	RXQ12AY14	RXQ12AY14	RXQ12AY14	RXQ12AY14	—	RXQ10AY14	RXQ12AY14	RXQ12AY14	RXQ12AY14	RXQ14AY14	RXQ16AY14	RXQ18AY14				
Power supply		3 phase 4-wire system, 380-415V, 50Hz														3 phase 4-wire system, 380-415V, 50Hz																				
Cooling capacity	Btu/h	54,600	76,400	95,500	114,000	136,000	154,000	171,000	191,000	172,000	191,000	210,000	229,000	251,000	268,000	285,000	191,000	172,000	191,000	210,000	229,000	251,000	268,000	285,000	191,000	172,000	191,000	210,000	229,000	251,000	268,000	285,000				
	kW	16.0	22.4	28.0	33.5	40.0	45.0	50.0	56.0	50.4	55.9	61.5	67.0	73.5	78.5	83.5	56.0	50.4	55.9	61.5	67.0	73.5	78.5	83.5	56.0	50.4	55.9	61.5	67.0	73.5	78.5	83.5				
Power consumption	kW	3.38	5.17	6.84	8.70	10.7	12.9	15.3	17.7	12.0	13.9	15.5	17.4	19.4	21.6	24.0	17.7	12.0	13.9	15.5	17.4	19.4	21.6	24.0	17.7	12.0	13.9	15.5	17.4	19.4	21.6	24.0				
Capacity Control	%	25-100	20-100	13-100	12-100	11-100	10-100	10-100	7-100	7-100	7-100	6-100	6-100	6-100	5-100	5-100	7-100	7-100	7-100	6-100	6-100	6-100	5-100	5-100	7-100	7-100	7-100	6-100	6-100	6-100	5-100	5-100				
Dimensions (HxWxD)	mm	1,657x930x765							1,657x1,240x765							1,657x1,240x765	(1,657x930x765)+(1,657x930x765)							(1,657x930x765)+(1,657x1,240x765)												
Machine weight	kg	175		185			215	260	285	175+185			185+185				185+215	185+260																		
Sound level	dB(A)	56		57	59	60		61	65	60	61			62	63																					

																																					
MODEL		RXQ32AMY14	RXQ34AMY14	RXQ36AMY14	RXQ38AMY14	RXQ40AMY14	RXQ42AMY14	RXQ44AMY14	RXQ46AMY14	RXQ48AMY14	RXQ50AMY14	RXQ52AMY14	RXQ54AMY14	RXQ56AMY14	RXQ58AMY14	RXQ60AMY14	RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ20AY14	RXQ22AY14	RXQ24AY14	RXQ26AY14	RXQ28AY14	RXQ30AY14	RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ20AY14	RXQ22AY14	RXQ24AY14	RXQ26AY14	RXQ28AY14	RXQ30AY14			
Combination units		RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ18AY14	RXQ20AY14	RXQ12AY14	RXQ12AY14	RXQ14AY14	RXQ14AY14	RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ18AY14	RXQ18AY14	RXQ20AY14	—	—	—	—	—	—	—	—	—	RXQ14AY14	RXQ16AY14	RXQ18AY14	RXQ18AY14	RXQ18AY14	RXQ18AY14	RXQ20AY14	RXQ20AY14	RXQ20AY14			
Power supply		3 phase 4-wire system, 380-415V, 50Hz														3 phase 4-wire system, 380-415V, 50Hz																					
Cooling capacity	Btu/h	307,000	324,000	341,000	362,000	382,000	399,000	420,000	444,000	461,000	478,000	495,000	512,000	532,000	553,000	573,000	307,000	324,000	341,000	362,000	382,000	399,000	420,000	307,000	324,000	341,000	362,000	382,000	399,000	420,000	307,000	324,000	341,000	362,000	382,000	399,000	420,000
	kW	90.0	95.0	100	106	112	117	123	130	135	140	145	150	156	162	168	90.0	95.0	100	106	112	117	123	90.0	95.0	100	106	112	117	123	90.0	95.0	100	106	112	117	123
Power consumption	kW	26.0	28.2	30.6	33.0	35.4	32.7	35.1	36.7	38.9	41.3	43.5	45.9	48.3	50.7	53.1	26.0	28.2	30.6	33.0	35.4	32.7	35.1	26.0	28.2	30.6	33.0	35.4	32.7	35.1	26.0	28.2	30.6	33.0	35.4	32.7	35.1
Capacity Control	%	5-100	5-100	5-100	4-100	3-100	4-100	3-100	3-100	3-100	3-100	3-100	3-100	3-100	2-100	2-100	5-100	5-100	5-100	4-100	3-100	4-100	3-100	5-100	5-100	5-100	4-100	3-100	4-100	3-100	5-100	5-100	5-100	4-100	3-100	4-100	3-100
Dimensions (HxWxD)	mm	(1,657x1,240x765)+(1,657x1,240x765)							(1,657x930x765)+(1,657x930x765)+(1,657x1,240x765)							(1,657x1,240x765)+(1,657x1,240x765)+(1,657x1,240x765)																					
Machine weight	kg	215+260	260+260			260+285	285+285	185+185+260	185+185+285	215+215+260	215+260+260			260+260+260			260+260+285	260+285+285	285+285+285																		
Sound level	dB(A)	64		66	68	65	67	65	65	66			66	68	69	70																					

Note: Specifications are based on the following conditions:
 •Cooling: Indoor temp.: 27°DB, 19°WB, Outdoor temp.: 35°DB, Equivalent piping length: 7.5 m, Level 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.

Daikin offers a wide range of indoor units includes both **VRV** and residential models responding to variety of needs of our customers that require air-conditioning solutions.

VRV indoor units

Ceiling Mounted Cassette (Round Flow with Sensing) Type

FXFSQ-AV4



Presence of people and floor temperature can be detected to provide comfort and energy savings.



Ceiling Mounted Cassette (Round Flow) Type

FXFQ-AV4

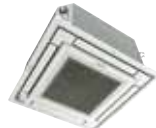


360° airflow improves temperature distribution and offers a comfortable living environment.



Ceiling Mounted Cassette (Compact Multi Flow) Type

FXZQ-MVE4



Quiet, compact, and designed for user comfort



Ceiling Mounted Cassette (Double Flow) Type

FXCQ-AVM4



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



Ceiling Mounted Cassette Corner Type

FXKQ-MAVE4

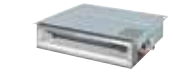


Slim design for flexible installation

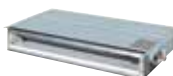


Slim Ceiling Mounted Duct Type (Standard Series)

FXDQ-PDVE(T)4



FXDQ-NDVE(T)4



Slim design, quietness and static pressure switching



Slim Ceiling Mounted Duct Type (Compact Series)

FXDQ-SPV14



Slim and compact design for easy and flexible installation



Middle Static Pressure Ceiling Mounted Duct Type

FXSQ-PAV4



Middle external static pressure and slim design allow flexible installations



Ceiling Mounted Duct Type

FXMQ-PAV4



FXMQ-MVE4



FXMQ-PVM



High external static pressure allows flexible installations



Outdoor-Air Processing Unit

FXMQ-MFV7



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



Ceiling Suspended Type

FXHQ-MAV7



FXHQ-AVM4



Slim body with quiet and wide airflow



Wall Mounted Type

FXAQ-AVM



Stylish flat panel design harmonised with your interior décor



Floor Standing Type

FXLQ-MAVE4



Concealed Floor Standing Type

FXNQ-MAVE4



Suitable for perimeter zone air conditioning



Floor Standing Duct Type

FXVQ-NY14



Large airflow type for large spaces. Flexible interior design for each tenant.



Clean Room Air Conditioner

FXBQ-PVE4



FXBPQ-PVE4

Suitable for hospitals and other clean spaces



Air Handling Unit

AHUR



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



Residential indoor units with connection to BP units

Slim Ceiling Mounted Duct Type

FDKS-EVMB4



FDKS-CVMB4



Slim and smooth design suits your shallow ceiling



Wall Mounted Type

FTKJ-NVM4W



FTKJ-NVM4S



Elegant appearance with European style

Wall Mounted Type

FTKS-DVM4



FTKS-FVM4



Stylish flat panel harmonises with your interior décor

Air treatment equipment

Heat Reclaim Ventilator

VAM-GJ



PM2.5 filtration unit

BAF



Ceiling Mounted Cassette (Round Flow with Sensing) Type

FXFSQ-A
Round flow with sensing



Ceiling Mounted Cassette (Round Flow) Type

FXFQ-A
ROUND FLOW



Wide variety of decoration panels (Option)

• Designer choice has been given a boost with the increase in number of new types of decoration panels.



Decoration Panel Lineup (Option)



Specifications

Ceiling Mounted Cassette (Round Flow with Sensing) Type

MODEL	FXFSQ25AV4	FXFSQ32AV4	FXFSQ40AV4	FXFSQ50AV4	FXFSQ63AV4	FXFSQ80AV4	FXFSQ100AV4	FXFSQ125AV4	FXFSQ140AV4	
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz									
Cooling capacity	Btu/h	9,600	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600
Power consumption	kW	0.028		0.035	0.038	0.061	0.092	0.144	0.170	0.194
Casing	Galvanised steel plate									
Sound level (H/HM/M/ML/L)	dB(A)	30/29.5/28.5/28/27		35/29.5/29/28/27	38/35/34.5/29.5/27	38/36/35.5/31.5/28	39/37/36/35.5/31	44/41/38/35/33	45/42.5/39.5/37/35	46/43.5/40.5/38/35
Dimensions (HxWxD)	mm	256x840x840						298x840x840		
Machine weight	kg	19			24	22	25			26

Ceiling Mounted Cassette (Round Flow) Type

MODEL	FXFQ25AV4	FXFQ32AV4	FXFQ40AV4	FXFQ50AV4	FXFQ63AV4	FXFQ80AV4	FXFQ100AV4	FXFQ125AV4	FXFQ140AV4	
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz									
Cooling capacity	Btu/h	9,600	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600
Power consumption	kW	0.029		0.036	0.040	0.063	0.096	0.158	0.178	0.203
Casing	Galvanised steel plate									
Sound level (H/HM/M/ML/L)	dB(A)	30/29.5/28.5/28/27		35/29.5/29/28/27	35/33.5/29.5/28.5/27	36/35.5/31.5/31/28	37/36.5/36/35.5/29.5	43/40.5/37.5/35/33	44/41.5/39/36.5/33	46/43.5/40.5/38/35
Dimensions (HxWxD)	mm	256x840x840						298x840x840		
Machine weight	kg	19				22	25			26

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 - Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 - Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
- During actual operation, these values are normally somewhat higher as a result of ambient conditions.



NEW Round Flow Cassette with Sensing and Streamer Round Flow Cassette with Streamer FXFTQ-AV(M)(4)(S), FXFRQ-AV(M)(4)(S)

Introducing Streamer technology to VRV Indoor unit



Irradiate streamers when the fan and air conditioning operation is stopped. The streamer fumigates the cabin and sterilizes the filter.

Wired remote controller BRC1H62W/K	Model name	
	FXFTQ-A	FXFRQ-A
Streamer function unit	✓	✓
Dual sensors*	✓	×
Sensing sensor low mode*	✓	×
Sensing sensor stop mode*	✓	×
Circulation airflow	×	×
Individual airflow direction control	✓	✓
Switchable 5 step fan speed	✓	✓
Auto airflow function (Draft prevention)*	✓	×
Auto swing	✓	✓
Selectable airflow pattern	×	×
Swing pattern selection	✓	✓
High ceiling application	✓	✓

Note: *Applicable when sensing panel is installed.



Remarks:

- 1) Only the remote controller BRC1H62W(K) can be connected for ON / OFF operation of the streamer.
- 2) Streamer function operates when the fan stops after the air conditioning operation is stopped. The maximum operation of streamer is 180 minutes per day. (This function is available only when the remote controller BRC1H62W(K) is connected.)



FEATURES FXFTQ : Round Flow Cassette with Sensing and Streamer FXFRQ : Round Flow Cassette with Streamer



Specifications

MODEL NAME		FXFTQ25A	FXFTQ32A	FXFTQ40A	FXFTQ50A	FXFTQ63A	FXFTQ80A	FXFTQ100A	FXFTQ125A	FXFTQ140A
Power supply		VM: 1-phase, 220-240 V/220-230 V, 50/60 Hz or V4/VS: 1-phase, 220 V, 50 Hz								
Cooling capacity	Btu/h	9,600	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600
	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Btu/h	10,900	13,600	17,100	21,500	27,300	34,100	42,700	54,600	
	kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Power consumption	Cooling	0.028		0.035	0.056	0.061	0.092	0.164	0.170	0.194
	Heating	0.026		0.034	0.056	0.060	0.092	0.144	0.159	0.183
Casing		Galvanised steel plate								
Airflow rate (H/HM/M/MLL)	m ³ /min	13/12.5/11.5/11/10		17/13.5/12.5/12/11	23/20.5/19/14.5/11	23.5/21/20/16/13.5	24.5/22/20.5/20/15	33.5/30.5/27/23/21	34.5/31.5/28.5/25.5/23	35.5/32.5/29.5/26.5/23
	cfm	459/441/406/388/353		600/477/441/424/388	812/724/671/512/388	830/741/706/565/477	865/777/724/706/530	1,183/1,077/953/830/741	1,218/1,121,006/900/812	1,253/1,147/1,041/935/812
Sound level (H/HM/M/MLL)	dB(A)	30/29.5/28.5/28/27		35/29.5/29/28/27	38/35/34.5/29.5/27	38/36/35.5/31.5/28	39/37/36/35.5/31	44/41/38/35/33	45/42.5/39.5/37/35	46/43.5/40.5/38/35
Dimensions (HxWxD)	mm	256x840x840								
Machine weight	kg	19		24		22		25		26
Piping connections	Liquid (Flare)	φ 6.4			φ 9.5			φ 9.5		
	Gas (Flare)	φ 12.7			φ 15.9			φ 15.9		
	Drain	VM/V4: VP25 (External Dia. 32/Internal Dia. 25) or VS: External Dia. 34/Internal Dia. 25								

MODEL NAME		FXFRQ25A	FXFRQ32A	FXFRQ40A	FXFRQ50A	FXFRQ63A	FXFRQ80A	FXFRQ100A	FXFRQ125A	FXFRQ140A
Power supply		VM: 1-phase, 220-240 V/220-230 V, 50/60 Hz or V4/VS: 1-phase, 220 V, 50 Hz								
Cooling capacity	Btu/h	9,600	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600
	kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Btu/h	10,900	13,600	17,100	21,500	27,300	34,100	42,700	47,800	54,600
	kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	14.0	16.0
Power consumption	Cooling	0.029		0.036	0.040	0.063	0.096	0.158	0.178	0.203
	Heating	0.027		0.036	0.040	0.063	0.096	0.150	0.166	0.191
Casing		Galvanised steel plate								
Airflow rate (H/HM/M/MLL)	m ³ /min	13/12.5/11.5/11/10		17/13.5/13/12/11	18/17/13.5/12.5/11	21/20/16/15/13.5	22.5/21.5/21/20/15	32/29/26/23/21	33/30.5/28/25.5/21	35.5/32.5/29.5/26.5/23
	cfm	459/441/406/388/353		600/477/459/424/388	635/600/477/441/388	741/706/565/530/477	794/759/741/706/530	1,130/1,024/918/812/741	1,165/1,077/988/900/741	1,233/1,147/1,041/935/812
Sound level (H/HM/M/MLL)	dB(A)	30/29.5/28.5/28/27		35/29.5/29/28/27	35/33.5/29.5/28.5/27	36/35.5/31.5/31/28	37/36.5/36/35.5/29.5	43/40.5/37.5/35/33	44/41.5/39/36.5/33	46/43.5/40.5/38/35
Dimensions (HxWxD)	mm	256x840x840								
Machine weight	kg	19		22		25		25		26
Piping connections	Liquid (Flare)	φ 6.4			φ 9.5			φ 9.5		
	Gas (Flare)	φ 12.7			φ 15.9			φ 15.9		
	Drain	VM/V4: VP25 (External Dia. 32/Internal Dia. 25) or VS: External Dia. 34/Internal Dia. 25								

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.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.

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

Option list

Name of option		MODEL NAME	FXFTQ25,32,40,50,63,80A	FXFTQ100,125,140A	FXFRQ25,32,40,50,63,80A	FXFRQ100,125,140A
Standard panel with sensing	Fresh white		BYCQ125EEF			
	Black		BYCQ125EEK			
Standard panel	Fresh white		BYCQ125EAF		BYCQ125EAF	
	Black		BYCQ125EAK		BYCQ125EAK	
Panel spacer			KDB55J160F		KDB55J160F	
Fresh air intake kit	Chamber type ^{1,2,4}	Without T-duct joint	KDDP55C160 [Components: KDDP55C160-1, KDDP55C160-2]		KDDP55C160 [Components: KDDP55C160-1, KDDP55C160-2]	
	With T-duct joint		KDDP55C160K [Components: KDDP55C160-1, KDDP55C160K2]		KDDP55C160K [Components: KDDP55C160-1, KDDP55C160K2]	
	Direct installation type ³		KDDP55X160A		KDDP55X160A	
Replacement long-life filter			KAF5511D160		KAF5511D160	
Branch duct chamber			KDJP55C80	KDJP55C160	KDJP55C80	KDJP55C160
Insulation kit for high humidity ⁵			KDTP55K80A	KDTP55K160A	KDTP55K80A	KDTP55K160A
Stylish remote controller ⁶			BRC1H62W/BRC1H62K		BRC1H62W/BRC1H62K	
Adaptor for wiring (operation status output) ⁷			BRP11B62		BRP11B62	
Digital input adaptor ⁷			BRP7A52		BRP7A52	
Wiring adaptor for electrical appendices ⁷			KRP4AA53		KRP4AA53	
Installation box for adaptor PCB			KRP1H98A		KRP1H98A	
Remote sensor			BRC501A-5		BRC501A-5	
External control adaptor for outdoor unit ⁷			DTA104A62		DTA104A62	
Multi tenant for indoor unit (24V free type) ⁷			BRP114A61		BRP114A61	
Multi tenant for unit booster (24V free type)			BRP114A63		BRP114A63	

Notes: 1. When installing a fresh air intake kit (chamber type), two air outlet corners are closed.

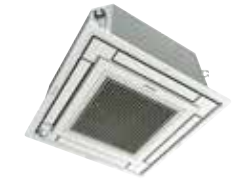
- It is recommended that the volume of outdoor air introduced through the kit is limited to 10% of the maximum airflow rate of the indoor unit. Introducing higher quantities will increase the operating sound and may also influence temperature sensing.
- The volume of fresh air for direct installation type is approximately 1% of the indoor unit airflow. The chamber type is recommended when more fresh air is necessary.
- Please order using the names of both components instead of set name.
- Please use in case temperature/humidity inside ceiling may get over 30°C, 80% RH.
- Wiring for wired remote controller should be obtained locally.
- Installation box for adaptor PCB (KRP1H98A) is necessary.

Ceiling Mounted Cassette (Compact Multi Flow) Type New FXZQ-A

Quiet, compact, and designed for user comfort

Specifications

MODEL		FXZQ20AVEM4	FXZQ25AVEM4	FXZQ32AVEM4	FXZQ40AVEM4	FXZQ50AVEM4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100
	kW	2.2	2.8	3.6	4.5	5.6
Power consumption	kW	0.043		0.045	0.059	0.092
Casing		Galvanised steel plate				
Sound level (H/L)	230 V, 50 Hz-240 V, 50 Hz	dB(A) 32.0/29.5/25.5		33.0/30.0/25.5		33.5/30.0/26.0
		37.0/32.0/26.0		43.0/40.0/33.0		
Dimensions (HxWxD)	mm	260x575x575				
Machine weight	kg	15.5	15.5	16.5	16.5	18.5



Ceiling Mounted Cassette (Double Flow) Type FXCQ-AVM4

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

Specifications

MODEL		FXCQ20AVM4	FXCQ25AVM4	FXCQ32AVM4	FXCQ40AVM4	FXCQ50AVM4	FXCQ63AVM4	FXCQ80AVM4	FXCQ125AVM4	
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz								
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	30,700	47,800	
	kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0	
Power consumption	kW	0.031	0.039	0.039	0.041	0.059	0.063	0.090	0.149	
Casing		Galvanised steel plate								
Sound level (H/L)	220 V	dB(A) 32/28	34/29	34/30	36/31	37/31	39/32	42/33	46/38	
Dimensions (HxWxD)	mm	305x775x620	305x775x620	305x775x620	305x990x620	305x990x620	305x1,175x620	305x1,445x620	305x1,445x620	
Machine weight	kg	19.0	19.0	19.0	19.0	22.0	25.0	33.0	38.0	



Ceiling Mounted Cassette Corner Type FXKQ-MA

Slim design for flexible installation

Specifications

MODEL		FXKQ25MAVE4	FXKQ32MAVE4	FXKQ40MAVE4	FXKQ63MAVE4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	Btu/h	9,600	12,300	15,400	24,200
Power consumption	kW	0.066		0.076	0.105
Sound level (H/L)	220 V	dB(A) 38/33		40/34	42/37
	240 V	40/35		42/36	44/39
Dimensions (HxWxD)	mm	215X1,110X710			215X1,310X710
Machine weight	kg	31			34



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, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Slim Ceiling Mounted Duct Type (Standard Series) FXDQ-PD / ND

Slim design, quietness and static pressure switching



Specifications

MODEL	with drain pump	FXDQ20PDVE4	FXDQ25PDVE4	FXDQ32PDVE4	FXDQ40NDVE4	FXDQ50NDVE4	FXDQ63NDVE4
	without drain pump	FXDQ20PDVET4	FXDQ25PDVET4	FXDQ32PDVET4	FXDQ40NDVET4	FXDQ50NDVET4	FXDQ63NDVET4
Power supply	1-phase, 220-240 V/220 V, 50/60 Hz						
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Power consumption (FXDQ-PDVE) *1	kW	0.086	0.086	0.089	0.160	0.165	0.181
Power consumption (FXDQ-PDVET) *1	kW	0.067	0.067	0.070	0.147	0.152	0.168
External static pressure	Pa	30-10*2			44-15*2		
Sound level (HH/H/L)*1*3	dB(A)	28/26/23		28/26/24	30/28/26	33/30/27	33/31/29
Dimensions (HxWxD)	mm	200x700x620	200x700x620	200x700x620	200x900x620	200x900x620	200x1,100x620
Machine weight	kg	23	23	23	27	28	31

Note: Specifications are based on the following conditions:
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 *1: Values are based on the following conditions: FXDQ-PD: external static pressure of 10 Pa; FXDQ-ND: external static pressure of 15 Pa.
 *2: External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ-PD models and 15 Pa for FXDQ-ND models.)
 *3: The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).

Slim Ceiling Mounted Duct Type (Compact Series) FXDQ-SP

Slim and compact design for easy and flexible installation



Specifications

MODEL	FXDQ20SPV14	FXDQ25SPV14	FXDQ32SPV14	FXDQ40SPV14	FXDQ50SPV14	FXDQ63SPV14
	Power supply	1-phase, 220-240 V, 50 Hz				
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100
Power consumption *1	kW	0.072	0.075	0.078	0.180	0.196
Airflow rate (HH/H/L)	m³/min	8.7/7.6/6.5	9.0/8.0/7.0	10.0/9.0/8.0	15.0/13.0/10.5	20.0/16.0/12.5
	cfm	307/268/229	318/282/247	353/318/282	530/459/371	706/565/441
External static pressure	Pa	30-10*2		50-20*2	40-20*2	
Sound level (HH/H/L)*1*3	dB(A)	33/31/29		34/32/30	35/33/31	37/35/33
Dimensions (HxWxD)	mm	200x700x450			200x900x450	200x1,100x450
Machine weight	kg	17			20	23

Note: Specifications are based on the following conditions:
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 *1: Values are based on the following conditions: FXDQ20-32SP: external static pressure of 10 Pa; FXDQ40-63SP: external static pressure of 20 Pa.
 *2: External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ20-32SP models and 20 Pa for FXDQ40-63SP models.)
 *3: The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).

Ceiling Mounted Duct Type FXMQ-PA / MA / P

Middle and high static pressure allows for flexible duct design



Specifications

MODEL	FXMQ20PAV4	FXMQ25PAV4	FXMQ32PAV4	FXMQ40PAV4	FXMQ50PAV4
Power supply	1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400
Power consumption	kW	0.056 *1	0.056 *1	0.060 *1	0.151 *1
Airflow rate (HH/H/L)	m³/min	9/7.5/6.5	9/7.5/6.5	9.5/8/7	16/13/11
	cfm	318/265/230	318/265/230	335/282/247	565/459/388
External static pressure	Pa	30-100 (50) *2	30-100 (50) *2	30-100 (50) *2	30-160 (100) *2
Sound level (HH/H/L)	dB(A)	33/31/29	33/31/29	34/32/30	39/37/35
Dimensions (HxWxD)	mm	300x550x700	300x550x700	300x550x700	300x700x700
Machine weight	kg	25	25	25	27

MODEL	FXMQ63PAV4	FXMQ80PAV4	FXMQ100PAV4	FXMQ125PAV4	FXMQ140PAV4
Power supply	1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	24,200	30,700	38,200	47,800
Power consumption	kW	0.138 *1	0.185 *1	0.215 *1	0.284 *1
Airflow rate (HH/H/L)	m³/min	19.5/17.5/16	25/22.5/20	32/27/23	39/33/28
	cfm	688/618/565	883/794/706	1,130/953/812	1,377/1,165/988
External static pressure	Pa	50-200 (100) *2	50-200 (100) *2	50-200 (100) *2	50-200 (100) *2
Sound level (HH/H/L)	dB(A)	42/40/38	43/41/39	43/41/39	44/42/40
Dimensions (HxWxD)	mm	300x1,000x700	300x1,000x700	300x1,400x700	300x1,400x700
Machine weight	kg	35	35	45	46

Note: Specifications are based on the following conditions:
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 *1: Power consumption values are based on conditions of rated external static pressure.
 *2: External static pressure can be modified using a remote controller that offers seven (FXMQ20-32PA), thirteen (FXMQ40PA), fourteen (FXMQ50-125PA) or ten (FXMQ140PA) levels of control. These values indicate the lowest and highest possible static pressures. The standard static pressure is 50 Pa for FXMQ20-32PA and 100 Pa for FXMQ40-140PA.

High static pressure allows for flexible duct design



FXMQ200-250PVM4

Specifications

MODEL	FXMQ200MAV4	FXMQ250MAV4	FXMQ200PVM	FXMQ250PVM
Power supply	1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	Btu/h	76,400	95,500	76,400
Power consumption	kW	1.294 *1	1.465 *1	0.55 *1
Airflow rate (H/L)	m³/min	58/50	72/62	61/50
	cfm	2,047/1,765	2,542/2,189	2,153/1,765
External static pressure	Pa	132-221*2	191-270*2	50-250 (150)*2
* Sound level (H/L)	220 V	48/45	48/45	38/35
	240 V	49/46	49/46	-
Dimensions (HxWxD)	mm	470x1,380x1,100	470x1,380x1,100	470x1,490x1,100
Machine weight	kg	137	137	95

Note: Specifications are based on the following conditions:
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: (FXMQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 1: Power consumption values are based on conditions of standard external static pressure.
 2: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "Standard-High static pressure".

Middle Static Pressure Ceiling Mounted Duct Type

FXSQ-PA

Middle external static pressure and slim design allow flexible installations



Specifications

MODEL		FXSQ20PAV4	FXSQ25PAV4	FXSQ32PAV4	FXSQ40PAV4	FXSQ50PAV4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100
Power consumption	kW	0.058 *1	0.058 *1	0.066 *1	0.101 *1	0.075 *1
Airflow rate (H/M/L)	m ³ /min	9/7.5/6.5	9/7.5/6.5	9.5/8/7	15/12.5/10.5	17/14.5/11.5
	cfm	318/265/230	318/265/230	335/282/247	530/441/371	600/512/406
External static pressure	Pa	30-150 (50) *2				
Sound level (H/M/L)	dB(A)	33/30/28		34/32/30	36/33/30	34/32/29
Dimensions (HxWxD)	mm	245x550x800		245x700x800		245x1,000x800
Machine weight	kg	25		27		35

MODEL		FXSQ63PAV4	FXSQ80PAV4	FXSQ100PAV4	FXSQ125PAV4	FXSQ140PAV4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	24,200	30,700	38,200	47,800	54,600
Power consumption	kW	0.106 *1	0.126 *1	0.151 *1	0.206 *1	0.222 *1
Airflow rate (H/M/L)	m ³ /min	21/17.5/14.5	23/19.5/16	32/27/22.5	37/31.5/26	39/33.5/28
	cfm	741/618/512	812/688/565	1,130/953/794	1,306/1,112/918	1,377/1,183/988
External static pressure	Pa	50-150 (50) *2				
Sound level (H/M/L)	dB(A)	36/32/29	37.5/34/30	39/35/32	42/38.5/35	43/40/36
Dimensions (HxWxD)	mm	245x1,000x800		245x1,400x800		245x1,550x800
Machine weight	kg	35	37	46	47	52

Note: Specifications are based on the following conditions;
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 *1: Power consumption values are based on conditions of rated external static pressure.
 *2: External static pressure can be modified using a remote controller that offers thirteen (FXSQ20-40PA), eleven (FXSQ50-125PA) or ten (FXSQ140PA) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is 50 Pa.

Ceiling Suspended Type

FXHQ-MA / A

Slim body with quiet and wide airflow



Specifications

MODEL		FXHQ32MAV7	FXHQ63MAV7	FXHQ100MAV7	FXHQ125AVM4	FXHQ140AVM4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz				
Cooling capacity	Btu/h	12,300	24,200	38,200	48,000	52,900
Power consumption	kW	0.111	0.115	0.135	0.168	0.181
Airflow rate (H/L)	m ³ /min	12/10	17.5/14	25/19.5	34/20	36/20
	cfm	424/353	618/494	883/688	1,200/706	1,271/706
Sound level (H/L)	dB(A)	36/31	39/34	45/37	46/37	48/37
Dimensions (HxWxD)	mm	195x960x680	195x1,160x680	195x1,400x680	235x1,590x690	235x1,590x690
Machine weight	kg	24.0	28.0	33.0	39.0	

Note: Specifications are based on the following conditions;
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Wall Mounted Type

FXAQ-AVM

Stylish flat panel design harmonised with your interior décor



Specifications

MODEL		FXAQ20AVM(4)(S)	FXAQ25AVM(4)(S)	FXAQ32AVM(4)(S)	FXAQ40AVM(4)(S)	FXAQ50AVM(4)(S)	FXAQ63AVM(4)(S)
Power supply		VM: 1-phase, 220-240 V/220-230 V, 50/60 Hz VM4, VMS: 1-phase, 220 V, 50 Hz					
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Power consumption	kW	0.040					
Airflow rate (H/L)	m ³ /min	9.1/7.0	9.4/7.0	9.8/7.0	12.2/9.7	15.0/12.0	19.0/14.0
	cfm	321/247	332/247	346/247	431/342	530/424	671/494
Sound level (H/L)	dB(A)	33.0/28.5	35.0/28.5	37.5/28.5	37.0/33.5	41.0/35.5	46.5/38.5
Dimensions (HxWxD)	mm	290x795x266			290x1,050x269		
Machine weight	kg	12.0			15.0		

Note: Specifications are based on the following conditions;
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Heating: Indoor temp.: 20°CDB, Outdoor temp.: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Ceiling Mounted Cassette Duct Type

New FXFDQ-AV4

Unprecedented Flexibility with Revolutionary Air Blow Concept



Specifications

MODEL		FXFDQ63AV4	FXFDQ80AV4	FXFDQ100AV4	FXFDQ125AV4
Power supply		1-phase, 220 V, 50 Hz			
Cooling capacity	Btu/h	24,200	30,700	38,200	47,800
Power consumption	kW	0.063	0.096	0.158	0.178
Airflow rate (H/M/L)	m ³ /min	21/20/16/15/13.5	22.5/21.5/21/20/15	32/29/26/23/21	33/30.5/28/25.5/21
	cfm	741/706/565/530/477	794/759/741/706/530	1,130/1,024/918/812/741	1,165/1,077/988/900/741
Sound level (H/M/L)	dB(A)	40/38.5/37/35.5/34	43/41.5/40/38.5/37	46.5/45/43.5/42/40.5	46.5/45/43.5/42/40.5
Dimensions (HxWxD)	mm	298x840x840			
Machine weight	kg	26			

Note: Specifications are based on the following conditions;
 •Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
 •Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 •Sound level: (FXUQ-A) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
 During actual operation, these values are normally somewhat higher as a result of ambient conditions
 1: Power consumption values are based on conditions of standard external static pressure.
 2: External static pressure is changeable to change over the connectors inside electrical box, this pressure means "Standard-High static pressure".

Floor Standing Type

FXLQ-MA

Suitable for perimeter zone air conditioning



Specifications

MODEL		FXLQ20MAVE4	FXLQ25MAVE4	FXLQ32MAVE4	FXLQ40MAVE4	FXLQ50MAVE4	FXLQ63MAVE4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Power consumption	kW	0.049	0.049	0.090	0.090	0.110	0.110
Airflow rate (H/L)	m ³ /min	7/6	7/6	8/6	11/8.5	14/11	16/12
	cfm	247/212	247/212	282/212	388/300	494/388	565/424
Sound level (H/L)	220 V	35/32	35/32	35/32	38/33	39/34	40/35
	240 V	37/34	37/34	37/34	40/35	41/36	42/37
Dimensions (H×W×D)	mm	600×1,000×222	600×1,000×222	600×1,140×222	600×1,140×222	600×1,420×222	600×1,420×222
Machine weight	kg	25.0	25.0	30.0	30.0	36.0	36.0

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 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.

Floor Standing Duct Type

FXVQ-N

Large airflow type for large spaces.
Flexible interior design for each tenant.



Specifications

MODEL		FXVQ125NY14	FXVQ200NY14	FXVQ250NY14	FXVQ400NY14	FXVQ500NY14	
Power supply		3-phase 4-wire system, 380-415 V, 50 Hz					
Cooling capacity	Btu/h	47,800	76,400	95,500	154,000	191,000	
		0.53	1.33	1.61	3.97	2.62	
Dimensions (H×W×D)	mm	1,670×750×510	1,670×950×510	1,670×1,170×510	1,900×1,170×720	1,900×1,470×720	
Machine weight	kg	118	144	169	236	281	
Sound level *1	dB(A)	52	56	60	65	62	
Air filter	Type	Long-life filter (anti-mould resin net)					
Fan	Motor output	0.75		1.5		3.7	
	Airflow rate	m ³ /min	43	69	86	134	165
		cfm	1,518	2,436	3,036	4,730	5,825
External static pressure *2	Pa	152	217	281	420	142	

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)

*1: Sound level : measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value).

It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.

*2: The value is the external static pressure with standard pulley.

Concealed Floor Standing Type

FXNQ-MA

Designed to be concealed
in the perimeter skirting-wall



Specifications

MODEL		FXNQ20MAVE4	FXNQ25MAVE4	FXNQ32MAVE4	FXNQ40MAVE4	FXNQ50MAVE4	FXNQ63MAVE4
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Power consumption	kW	0.049	0.049	0.090	0.090	0.110	0.110
Airflow rate (H/L)	m ³ /min	7/6	7/6	8/6	11/8.5	14/11	16/12
	cfm	247/212	247/212	282/212	388/300	494/388	565/424
Sound level (H/L)	220 V	35/32	35/32	35/32	38/33	39/34	40/35
	240 V	37/34	37/34	37/34	40/35	41/36	42/37
Dimensions (H×W×D)	mm	610×930×220	610×930×220	610×1,070×220	610×1,070×220	610×1,350×220	610×1,350×220
Machine weight	kg	19.0	19.0	23.0	23.0	27.0	27.0

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
- Sound level: Anechoic chamber conversion value, measured at a point 1.5 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.

Clean Room Air Conditioner

FXB(P)Q-P

Suitable for hospitals and
other clean spaces



Specifications

Type		Integrated outlet unit model			Separate outlet unit model
MODEL	Indoor unit	FXBQ40PVE	FXBQ50PVE	FXBQ63PVE	FXBPQ63PVE
	Outlet unit	Integrated with the indoor unit			BAF82A63
Power supply		1-phase, 220-240 V/220 V, 50/60 Hz			
Cooling capacity	Btu/h	15,400	19,100	24,200	24,200
Power consumption	kW	0.31	0.31	0.45	0.45
Intake filter efficiency *1		70% by gravimetric method			
Outlet HEPA filter efficiency *2		99.97% by DOP method *5			
Indoor unit weight	kg	140 *3		185 *3	120 *6
Casing		Galvanised steel plate			
Airflow rate (H/L)	m ³ /min	19.5/17.5		26/22.5	
	cfm	688/618		918/794	
Sound level (H/L) *4	dB(A)	44/42			
Dimensions (H×W×D)	mm	492×1,788×1,000		492×1,788×1,300	492×1,078×1,300
Outlet unit weight	kg	-			65 *3

Note: Specifications are based on the following conditions;

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)

*1: An intake air filter is only attached to the ceiling intake type.

*2: HEPA filter sold separately. The dust collection efficiency of HEPA filter is 99.97%. However, air may slightly leak around the filter when installing.

*3: Weight including HEPA filter and panel.

*4: Anechoic chamber conversion value under JIS B 8616 test conditions. Value usually increases slightly in practice due to surrounding conditions.

*5: The clean room air conditioner does not support DOP testing (leak test) based on GMP standards (Standards for Manufacturing Control and Quality Control for Medical Devices) due to slight leakage at time of product installation.

*6: Weight including panel.

*In the case of an installation in an operating theatre etc. where an air conditioner malfunction may have serious consequences, please build in redundancy with two or more outdoor units.

Indoor Unit Lineup

Slim Ceiling Mounted Duct Type

FDKS-EA/C

Slim and smooth design suits your shallow ceiling



Standard accessory
Note: Remote controllers other than the standard accessory wireless remote controller cannot be used.

Specifications

MODEL	FDKS25EAVMB	FDKS35EAVMB	FDKS25CAVMB	FDKS35CAVMB	FDKS50CVMB	FDKS60CVMB
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz					
Airflow rates (H)	8.7 (307)		9.5 (335)		10.0 (353)	
Sound levels (H/L/SL)*	35/31/29		37/33/31		38/34/32	
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H×W×D)	200×700×620		200×900×620			200×1,100×620
Machine weight	21		25		27	30
External static pressure	30		40			

Note: * The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for FDKS-EA and 40 Pa for FDKS-C. Sound level values for bottom-suction operation can be obtained by adding 6 dB (A) for FDKS-EA and 5 dB (A) for FDKS-C.

Residential indoor Units with connection to BP units

Wall Mounted Type

FTKS-D/B/F

Stylish flat panel harmonises with your interior décor



FTKS25D / FTKS35D



Standard accessory*



FTKS60F / FTKS71F



Standard accessory*

* Remote controllers other than the standard accessory wireless remote controller cannot be used.

Specifications

MODEL	FTKS25DVM	FTKS35DVM	FTKS60FVM	FTKS71FVM
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz			
Front panel colour	White			
Airflow rates (H)	8.7 (307)		8.9 (314)	
Sound levels (H/L/SL)	37/25/22		39/26/23	
Fan speed	5 steps, quiet and automatic			
Dimensions (H×W×D)	283×800×195		290×1,050×238	
Machine weight	9		12	

Wall Mounted Type

FTKJ-N

Elegant appearance with European style



Standard accessory



Specifications

MODEL	FTKJ25NVMW	FTKJ25NVMS	FTKJ35NVMW	FTKJ35NVMS	FTKJ50NVMW	FTKJ50NVMS
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour	White		Silver		White	
Airflow rates (H)	8.9 (313)		10.9 (385)			
Sound levels (H/L/SL)	38/25/19		45/26/20		46/35/29	
Fan speed	5 steps, quiet and automatic					
Dimensions (H×W×D)	303×998×212					
Machine weight	12					

BP Units for Connection to Residential Indoor Units

Specifications



BPMKS967A3



BPMKS967A2

MODEL	BPMKS967A3	BPMKS967A2		
Power supply	1-phase, 220-240 V/220-230 V, 50/60 Hz			
Number of ports	3 (connectable to 1-3 indoor units)	2 (connectable to 1-2 indoor units)		
Power consumption	10 W			
Running current	0.05 A			
Dimensions (H×W×D)	180×294 (+356*)×350			
Machine weight	8 kg	7.5 kg		
Number of wiring connections	3 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit)	2 for power supply (including earth wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 3 for interunit wiring (BP-indoor unit)		
Piping connections (Brazing)	Liquid	Main	Ø9.5X1	
		Branch	Ø6.4X3	Ø6.4X2
	Gas	Main	Ø19.1X1	
		Branch	Ø15.9X3	Ø15.9X2
Heat insulation	Both liquid and gas pipes			
Connectable indoor units	2.0 kW class to 7.1 kW class			
Min. rated capacity of connectable indoor units	2.0 kW			
Max. rated capacity of connectable indoor units	20.8 kW	14.2 kW		

Note: * Total auxiliary piping length.

PM2.5 filtration unit

Double-layered efficient filtration

- PM2.5 filters are double-layered.
1. The front filter effectively removes large particles.
 2. The PM2.5 filter layer contains a large amount of static electricity to capture particulate matter efficiently.

Optional :
Active Carbon Filtration Unit



Air Handling Unit

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

AHUR
Capacity range : 6 – 120 HP



- Easy design and installation
- The system is easy to design and install since no additional water systems such as boilers, tanks and gas connections etc are required.
- Inverter controlled units
- Control of air temperature via standard Daikin wired remote control for standard series

Air Treatment Equipment

Streamer Duct Chamber

Just leave it to Daikin. "Streamer Duct Chamber"

Flexibility
Multiple combination of ducting unit.

Functionality
Dust collection filter (MERV 14) catch bacteria and viruses and prevents them from entering the room.

Stability
Streamer technology to decompose harmful substances which caught by the filter.



Connectable Air Conditioning



CAUTION

Operating Conditions
To ensure the correct usage of the unit, operate it within the operating conditions specified in the table below.

Model	Airflow range (CMH)
BDEZ500A60VE	80-600
BDEZ500A140VE	500-1400
BDEZ500A510VE	1200-5100

Operating Condition	-10° to 50°C Max. 80%RH
---------------------	----------------------------

Do not install the unit in places such as the following :

1. Place subjected to high temperature or direct flame. Overheat or fire may result.
2. Where there is mist of oil, oil spray, or vapor, for example, kitchen, barber or salon. Fire may result.
3. Where toxic gas from acid, alkaline, organic solvents or coating, or corrosive gas is produced, for example, a machinery or chemical plant. Gas poisoning or fire may result.
4. Place subject to high humidity. Electric shock or electrical leakage may result.
5. Where there is machinery that emits electromagnetic waves. Electromagnetic waves may disturb the control system and cause malfunction of the unit.
6. Where flammable gases may leak, where carbon fiber or ignitable dust is suspended in the air or where volatile flammables, such as thinner or gasoline, are handled. If the gas should leak and remain around the unit, it may cause ignition.
7. Places with high salt contents such as coastal area.
8. Places with sulfur gas contents such as hot springs.
9. Insides cars or ships.
10. Places with high smoke contents such as smoking room.

Specification

Model Name		BDEZ500A60VE	BDEZ500A140VE	BDEZ500A510VE
Outlook				
Power Supply		1 phase 220-240V/220V 50/60Hz		
Casing Dimension	H (mm)	269	269	318
	W (mm)	419	819	1419
	D (mm)	418	418	653
Operating Temperature	°C	-10 to 50		
Operating Humidity	%	Max. 80%RH		
Airflow	CMH	80 - 600	500 - 1400	1200 - 5100
Initial Pressure Drop	Pa	5 - 59	18 - 76	16 - 156
Dust Collection Filter (MERV 14) Lifespan	Months (based on median CMH)	12	12	12
Weight	kg	13	19	38
Power Consumption	W	6.0	8.5	11.0
Sound Pressure Level		No increase in Sound Pressure Level as overall system		
Filters Quantity	Pre-Filter	1	2	4
	Dust Collection Filter (MERV 14)	1	2	4
	Deodorizing Filter	1	2	4
Replacement Filter Dust Collection Filter (MERV 14)		BAFH500A60 (1pc)	BAFH500A140 (2pcs)	BAFH500A510 (4pcs)
Dimension H*W*D (mm)		221 x 392 x 50 (referring to 1pc only)		450 x 343 x 50 (referring to 1pc only)
Working Method		DP sensor		



Outdoor-Air Processing Unit FXMQ-BFV(M)(2S)(24) Cooling only model

Product Features



Set point temperature can be selected similar to normal VRV indoor unit.



3 Steps Airflow
3 airflow levels (H/M/L) can be selected, which enhance usage and design flexibility.



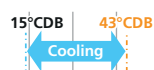
Filter Options
The filter options of MERV8 and MERV14 are available.



Slim & Compact Design
Only 300 mm in height and 700 mm in depth, the new casing comes with smaller footprint and with 59% reduction* in unit size.
*Reduction in size compared to conventional FXMQ200/250MF series



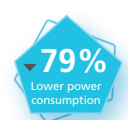
DC Motor
The change from AC motor to DC motor resulted in lower power consumption and more energy efficiency.



Extended Operation Range
Extended operation range:
Cooling: 15°CDB to 43°CDB



VRT Control
With the VRT* control feature, highest efficiency can be achieved.
*Default setting is VRT off.



Lower Power Consumption
The new FXMQ-BF series requires 79% less power making it the perfect choice for small commercial applications.
*Reduction of power consumption refer from comparison with 22.4kW model (FXMQ-MF series).

Specifications

Model name	FXMQ80BFVM FXMQ80BFV24 FXMQ80BFV2S	FXMQ140BFVM FXMQ140BFV24 FXMQ140BFV2S	FXMQ200BFVM FXMQ200BFV24 FXMQ200BFV2S	FXMQ250BFVM FXMQ250BFV24 FXMQ250BFV2S
Power supply	VM: 1 phase, 220-240 V/220-230 V, 50/60 Hz V24, V2S: 1 phase, 220 V, 50 Hz			
★1 ★2 Cooling capacity	Btu/h	30,700	54,600	76,400
	kW	9.0	16.0	22.4
Power consumption	kW	0.080	0.100	0.115
Casing	Galvanised steel plate			
Dimensions (H×W×D)	mm	300×700×700	300×1,000×700	300×1,400×700
	m ³ /min	11.5/8.6/5.8	20.5/15.4/10.3	29.0/21.8/14.5
Airflow rate (H/M/L)	l/s	192/143/97	342/257/172	483/363/242
	cfm	406/304/205	724/544/364	1,024/770/512
External static pressure	Pa	Rated 100 (200-50)		
Air filter	★3			
Piping connections	Liquid	mm	φ9.5 (Flare)	
	Gas	mm	φ15.9 (Flare)	φ19.1 (Brazing)
	Drain	mm	VM, V24: VP25 (External dia. 32, Internal dia. 25) V2S: VP25 (External dia. 34, Internal dia. 25)	
Machine weight	kg	28	36	46
Sound level (H/M/L)	dB(A)	37.5/30/23	41/34/25	42/35/26
★4 Operation range	°CDB	15 to 43		

Notes:

- H1. The cooling capacity is the maximum value under the following conditions:
Indoor temp.: 33°CDB, 28°CWB / outdoor temp.: 33°CDB, Piping length: 7.5m.
The rated external static pressure and air volume are set in ().
- H2. Capacities are net, including a deduction for indoor fan motor heat.
- H3. Air filter is not standard accessory, but please mount it in the duct system of the suction side.
Select its dust collection efficiency (gravity method) 50% or more.
- H4. Operation range can be extend to 15°C by field setting.
When the unit is all fresh air (OAPU) connection under cooling operation, the operation limit is at 19°C - 43°C.
(extend of operation range is not available.)
5. VRT can be activated with remote controller thermistor and outdoor field setting.

Remarks:

1. This machine cannot be used to handle internal heat loads.
The blowout temperature changes depending on the air conditioning load, outside air temperature, and operation of the protective device. When the protection function is activated, unprocessed outside air maybe sent directly.
2. When this unit is connected to another indoor unit, the outside air processing mixing ratio must be as follows:
The total content capacity should be A% or less when the unit is connected.
A:B = 100:40 / A:B = 110:30 / A:B = 120:20 / A:B = 130:10
3. During cooling operation, if the ceiling temperature exceeds 30°C and relative humidity reaches 80%, or fresh air is inducted into the ceiling, heat insulation material (glass wool or polyethylene foam, thickness: 10 mm or more) is required to prevent dew condensation.

Option List

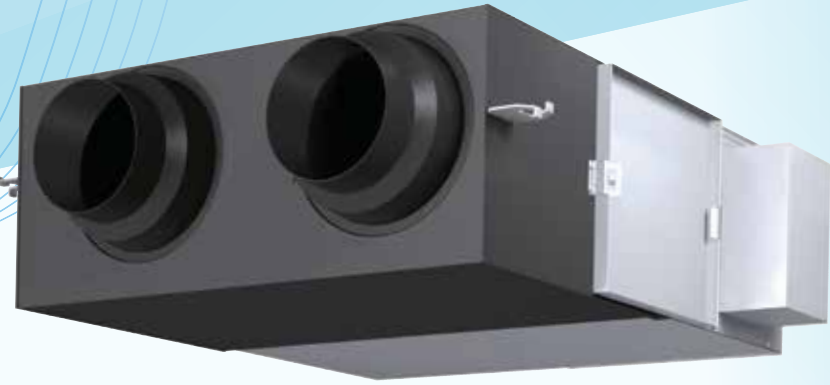
Option name	FXMQ80BFVM FXMQ80BFV24 FXMQ80BFV2S	FXMQ140BFVM FXMQ140BFV24 FXMQ140BFV2S	FXMQ200BFVM FXMQ200BFV24 FXMQ200BFV2S	FXMQ250BFVM FXMQ250BFV24 FXMQ250BFV2S
Filter	MERV8	BAF376B56	BAF376B80	BAF376B160
	MERV14	BAF377B56	BAF377B80	BAF377B160
Filter chamber	KDDF37AA56	KDDF37AA80	KDDF37AA160	
Long life replacement filter	KAF371B56	KAF371B80	KAF371B160	
Service panel	KTBJ25K56F	KTBJ25K80F	KTBJ25K160F	
Air discharge adaptor	KDAJ25K56A	KDAJ25K71A	KDAJ25K140A	
Stylish remote controller	White	BRC1H62W		
	Black	BRC1H62K		
Navigation remote controller	BRC1E63			
Simplified remote controller	BRC2E61			
Wireless remote controller	BRC4C66			
Remote sensor (for indoor temperature)	BRCS01A-6			

Note:

Refer to Engineering Data for full list of optional accessories.

VAM-HVE Series (Heat Reclaim Ventilator)

VAM150 - 2000HVE [50/60 Hz]



NEW TEST STANDARD

This new VAM-H is complying to latest international testing standard!

Revision of JIS standards

Corresponds to the new JIS standard (JIS B8628:2017). With the establishment of the international standard (ISO 16494) for total heat exchangers (2014), the JIS standard was also revised. (December 20, 2017).

International standard for total heat exchangers was established in 2014 (ISO 16494).

- Each country's standard was reviewed based on the international standard.
- In Japan, JIS standards were revised to comply with international standards.



Revision of JIS Standards (JIS B8628:2017)

Stricter standards!






If the new JIS is applied to current products, the total heat exchange efficiency and effective ventilation volume will be lower than the values indicated.

Comparison of old and new JIS standards

Item	Old JIS	New JIS
Air volume	Static pressure conditions are optional.	Static pressure conditions are specified.
Total heat exchange conditions Temperature and humidity conditions at the time of measurement.	DB temperature: Reference value ± 1°C WB temperature: Standard value ± 2°C	DB temperature: Reference value ± 0.3°C WB temperature: Standard value ± 0.2°C
Effective ventilation efficiency	Only internal leakage of the product can be measured.	Internal leakage + external leakage of the product to be measured
Notation on specification sheet	Not applicable	Yes

Due to stricter standards, when the new JIS is applied to current products, the total heat exchange efficiency and effective ventilation rate may be lower than the values indicated.

TECHNICAL SPECIFICATIONS

Unit										
Model		VAM150HVE	VAM250HVE	VAM350HVE	VAM500HVE	VAM650HVE				
Power Supply		1-phase, 220-240 V / 220 V, 50/60 Hz								
Temp. Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	66.0 / 66.0	60.5 / 60.5	65.0 / 65.0	61.5 / 61.5	59.5 / 59.5			
		High	66.0 / 66.0	60.5 / 60.5	65.0 / 65.0	61.5 / 61.5	59.5 / 59.5			
		Low	69.0 / 69.5	65.0 / 65.5	70.0 / 70.0	63.0 / 64.0	62.5 / 63.0			
	For Heating	Ultra-High	77.0 / 77.0	76.5 / 76.5	79.5 / 79.5	80.0 / 80.0	74.5 / 74.5			
		High	77.0 / 77.0	76.5 / 76.5	79.5 / 79.5	80.0 / 80.0	74.5 / 74.5			
		Low	78.5 / 79.0	78.5 / 79.0	81.5 / 82.0	81.5 / 82.5	76.5 / 77.0			
Enthalpy Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	63.5 / 63.5	60.0 / 60.0	62.5 / 62.5	62.5 / 62.5	60.0 / 60.0			
		High	63.5 / 63.5	60.0 / 60.0	62.5 / 62.5	62.5 / 62.5	60.0 / 60.0			
		Low	66.0 / 66.5	61.5 / 62.0	64.5 / 65.0	64.0 / 65.0	62.5 / 63.0			
	For Heating	Ultra-High	71.5 / 71.5	69.5 / 69.5	72.0 / 72.0	71.0 / 71.0	68.0 / 68.0			
		High	71.5 / 71.5	69.5 / 69.5	72.0 / 72.0	71.0 / 71.0	68.0 / 68.0			
		Low	76.5 / 77.0	73.0 / 73.5	74.5 / 75.0	72.5 / 73.5	69.5 / 71.5			
Power Consumption (50/60 Hz)	Heat Exchange Mode	Ultra-High	96-103 / 132	126-141 / 172	178-193 / 231	296-326 / 390	381-426 / 472			
		High	90-93 / 118	114-123 / 144	163-170 / 207	248-261 / 329	307-319 / 413			
		Low	68-73 / 67	75-83 / 79	132-142 / 145	223-233 / 268	264-276 / 332			
	Bypass Mode	Ultra-High	96-103 / 132	126-141 / 172	178-193 / 231	296-326 / 390	381-426 / 472			
		High	90-93 / 118	114-123 / 144	163-170 / 207	248-261 / 329	307-319 / 413			
		Low	68-73 / 67	75-83 / 79	132-142 / 145	223-233 / 268	264-276 / 332			
Sound Level (50/60 Hz)	Heat Exchange Mode	Ultra-High	33.0-34.0 / 34.0	33.0-34.0 / 33.5	32.0-33.0 / 34.5	36.0-37.0 / 38.5	37.5-38.0 / 38.0			
		High	30.5-32.0 / 28.0	31.0-32.5 / 28.0	30.0-31.5 / 27.5	35.0-36.0 / 35.0	36.0-36.5 / 37.0			
		Low	23.0-25.5 / 20.0	23.0-25.5 / 21.0	26.5-28.5 / 22.0	32.0-34.0 / 31.0	34.0-35.0 / 32.5			
	Bypass Mode	Ultra-High	33.5-34.0 / 36.0	33.0-34.0 / 34.5	32.5-33.5 / 34.5	36.0-37.0 / 38.5	39.5-40.0 / 42.0			
		High	31.5-33.0 / 28.5	31.5-32.5 / 29.0	31.0-32.0 / 27.5	35.0-36.0 / 35.0	38.0-38.5 / 39.0			
		Low	23.0-25.5 / 20.5	23.5-25.5 / 21.5	27.0-29.0 / 23.0	32.0-34.0 / 31.0	35.5-36.5 / 33.5			
Casing		Galvanised steel plate								
Insulation Material		Self-extinguishable polyurethane foam								
Dimensions (H x W x D)		mm		278 x 551 x 810		306 x 800 x 879	338 x 832 x 973			
Machine Weight		kg		22		22	31	41	43	
Heat Exchange System		Air to air cross flow total heat (Sensible heat + latent heat) exchange								
Heat Exchange Element Material		Specially processed nonflammable paper								
Air Filter		Multidirectional fibrous fleeces								
Fan	Type	Sirocco fan								
		Airflow Rate (50/60 Hz)	Ultra-High	150 / 150	250 / 250	350 / 350	500 / 500	650 / 650		
			High	150 / 150	250 / 250	350 / 350	500 / 500	650 / 650		
	Low		100 / 80	165 / 145	275 / 235	470 / 420	570 / 495			
	External Static Pressure (50/60 Hz)	Ultra-High	125-140 / 155	115-130 / 135	170-185 / 230	165-190 / 245	185-190 / 260			
		High	100-120 / 100	80-90 / 60	145-165 / 80	140-175 / 180	140-155 / 210			
Low		44-80 / 28	35-75 / 20	90-102 / 36	124-155 / 127	108-119 / 122				
Motor Output		kW		0.030 x 2		0.060 x 2	0.100 x 2	0.170 x 2		
Net Supply Airflow Ratio		Ultra-High		%		90	90	90	90	90
Connection Duct Diameter		Indoor side		mm		φ100	φ150	φ150	φ200	φ200
		Outdoor side		mm		φ100	φ150	φ150	φ200	φ200
Unit Ambient Condition		-15°C—50°C DB, 80%RH or less								

* Values for electrical current, power consumption, and efficiency are at the above above-stated airflow.

* Exchange efficiencies are values based on performance codes and air conditions that comply with JIS B8628:2017.

* Temperature exchange efficiency and enthalpy exchange efficiency vary according to the ratio of supply air and exhaust air and air conditions.

* Operation sound is an anechoic chamber conversion that complies with JISB8628:2017. When measured under actual installation conditions, the operation sound is usually greater due to ambient noise and reverberation.

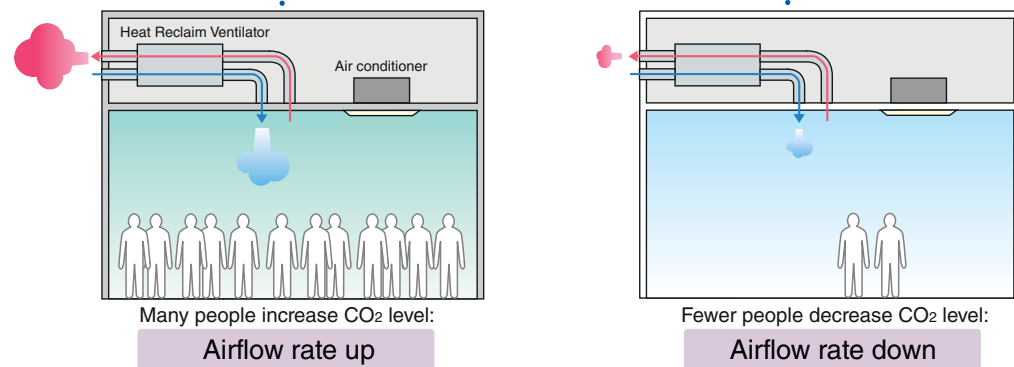
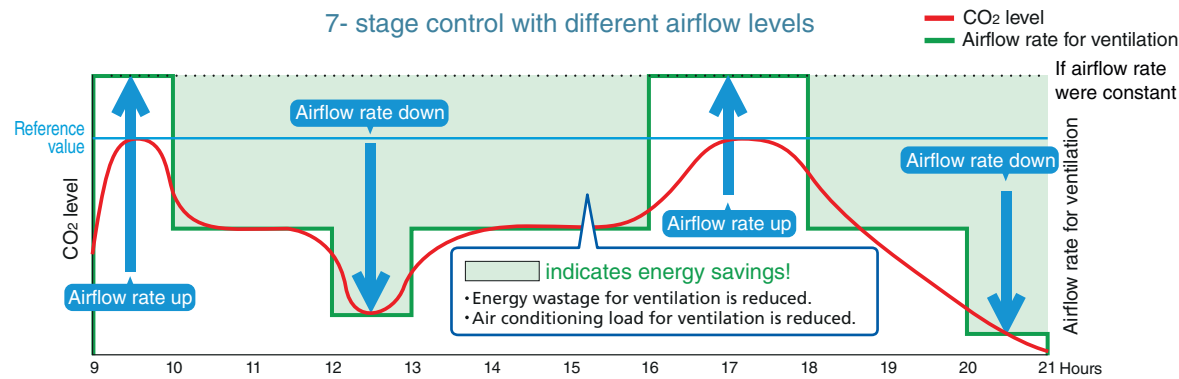
* Since the sound level of this specification is the noise level at the rated external static pressure, it will be higher on the display than the G type model as the external static pressure improves.

Air Treatment Equipment

Airflow rate control with CO₂ sensor

The CO₂ sensor controls airflow rate so that it best matches the changes of CO₂ level in the room. This prevents energy losses from over-ventilation while maintaining indoor air quality with optional CO₂ sensor.

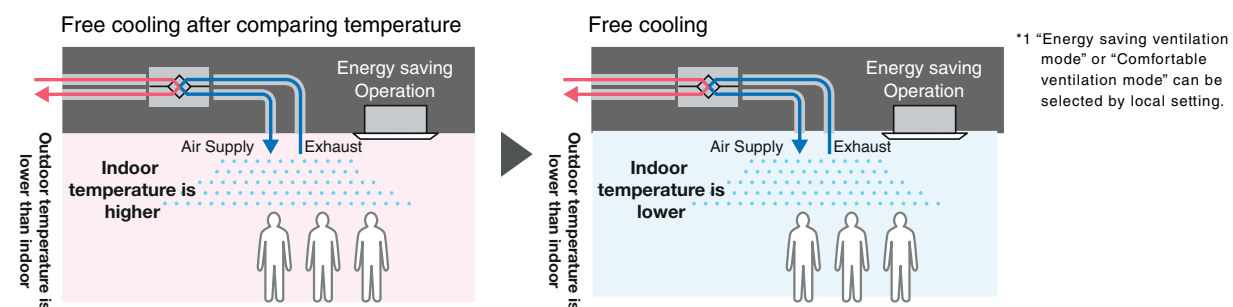
● Example of CO₂ sensor operation in an office room:



Automatic Ventilation Mode Switching (Bypass control) with Humidity sensor

Suitable ventilation mode depending on condition will be switched automatically

The ventilation unit detects room temperature and outside air temperature, then automatically switches to suitable ventilation mode to provide higher energy-saving. By installing humidity sensor (optional item), the mode will be switched automatically based on the amount of heat (energy) and discomfort index to further improve energy saving and comfort. *1



*1 "Energy saving ventilation mode" or "Comfortable ventilation mode" can be selected by local setting.

REFERENCE

(Temperature / Enthalpy Exchange Efficiency and Sound level are based on the measurement conditions of the VAM-G type model)

Unit							
Model		VAM150HVE	VAM250HVE	VAM350HVE	VAM500HVE	VAM650HVE	
Temp. Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	78.0 / 78.0	68.5 / 68.5	76.0 / 76.0	70.5 / 70.5	68.5 / 68.5
		High	78.0 / 78.0	68.5 / 68.5	76.0 / 76.0	70.5 / 70.5	68.5 / 68.5
		Low	81.0 / 81.5	73.0 / 73.5	81.0 / 81.0	72.0 / 73.0	71.5 / 72.0
	For Heating	Ultra-High	86.0 / 86.0	82.5 / 82.5	87.5 / 87.5	87.0 / 87.0	81.5 / 81.5
		High	86.5 / 86.0	82.5 / 82.5	87.5 / 87.5	87.0 / 87.0	81.5 / 81.5
		Low	87.5 / 88.0	84.5 / 85.0	89.5 / 90.0	88.5 / 89.5	83.5 / 84.0
Enthalpy Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	76.5 / 76.5	66.0 / 66.0	73.5 / 73.5	70.5 / 70.5	66.0 / 66.0
		High	76.5 / 76.5	66.0 / 66.0	73.5 / 73.5	70.5 / 70.5	66.0 / 66.0
		Low	79.0 / 79.5	67.5 / 68.0	75.5 / 76.0	72.0 / 73.0	68.5 / 69.0
	For Heating	Ultra-High	81.5 / 81.5	75.5 / 75.5	81.0 / 81.0	78.0 / 78.0	74.0 / 74.0
		High	81.5 / 81.5	75.5 / 75.5	81.0 / 81.0	78.0 / 78.0	74.0 / 74.0
		Low	86.5 / 87.0	79.0 / 79.5	83.5 / 84.0	79.5 / 80.5	75.5 / 77.5
Sound Level (50/60 Hz)	Heat Exchange Mode	Ultra-High	30.5 - 31.5 / 31.5	30.5 - 31.5 / 31.0	31.5 - 33.0 / 33.5	35.0 - 37.0 / 36.0	36.0 - 36.5 / 38.0
		High	29.5 - 31.0 / 27.0	29.0 - 30.0 / 27.0	30.5 - 32.0 / 27.5	33.0 - 35.5 / 33.0	34.0 - 34.5 / 35.5
		Low	24.0 - 24.5 / 19.0	22.5 - 24.5 / 20.0	28.0 - 29.5 / 23.5	30.0 - 31.5 / 28.5	32.0 - 32.5 / 30.0




Unit						
Model		VAM800HVE	VAM1000HVE	VAM1500HVE	VAM2000HVE	
Temp. Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	69.5 / 69.5	64.0 / 64.0	69.5 / 69.5	64.5 / 64.5
		High	69.5 / 69.5	64.0 / 64.0	69.5 / 69.5	64.5 / 64.5
		Low	72.0 / 73.0	67.5 / 68.0	73.5 / 74.0	71.5 / 71.5
	For Heating	Ultra-High	83.5 / 83.5	79.0 / 79.0	83.5 / 83.5	78.5 / 78.5
		High	83.5 / 83.5	79.0 / 79.0	83.5 / 83.5	78.5 / 78.5
		Low	84.5 / 85.5	81.0 / 81.5	85.5 / 86.0	81.5 / 82.0
Enthalpy Exchange Efficiency (50/60 Hz)	For Cooling	Ultra-High	69.0 / 69.0	64.0 / 64.0	69.0 / 69.0	64.0 / 64.0
		High	69.0 / 69.0	64.0 / 64.0	69.0 / 69.0	64.0 / 64.0
		Low	70.5 / 71.5	66.0 / 66.5	71.5 / 72.0	68.5 / 68.5
	For Heating	Ultra-High	79.0 / 79.0	73.5 / 73.5	79.0 / 79.0	73.0 / 73.0
		High	79.0 / 79.0	73.5 / 73.5	79.0 / 79.0	73.0 / 73.0
		Low	81.0 / 82.0	77.0 / 77.5	81.0 / 82.0	76.0 / 76.5
Sound Level (50/60 Hz)	Heat Exchange Mode	Ultra-High	40.5 - 41.5 / 40.0	40.5 - 42.0 / 40.5	41.5 - 43.0 / 42.5	42.0 - 42.5 / 43.0
		High	38.5 - 40.0 / 37.0	39.0 - 40.0 / 37.5	40.0 - 42.0 / 38.0	40.5 - 42.0 / 39.0
		Low	35.0 - 37.5 / 33.0	36.5 - 38.0 / 35.0	37.5 - 39.5 / 34.0	39.0 - 40.5 / 36.0

- The exchange efficiency (temp exchange / enthalpy exchange) and sound level are based on the measurement conditions of the VAM-G type model.
 - The exchange efficiency (temp / enthalpy) is a value calculated under the test condition according to JIS B8628: 2003 with the external static pressure conditions that are close to actual use. The value will be subject to change depending on the room condition and environment.
 - The sound level is the value measured with the external static pressure condition of the VAM-G type model.
 G-type model: Measured under static pressure load conditions due to duct pressure loss under certain conditions.
 H-type model: A air damper is installed in the duct, and the static pressure is adjusted to the rated external static pressure for measurement.

REMOTE CONTROLLER & OPTION LIST

Standard remote controller:
- BRC1H62W/BRC1H62K

Optional remote controller:
- Navigation remote controller - BRC1E63
- Simplified remote controller - BRC2E61
(Optional controller are connectable with some function limitation.)

Function	Detail	BRC1H62W(K)	BRC1E63	BRC2E61
				
Air conditioner interlock	Interlock Heat Reclaim Ventilator with air conditioner by one remote controller	•	•	•
Ventilation mode	Switch the ventilation mode (Automatic, Heat exchange, Bypass)	•	•	-
Ventilation airflow rate	When using CO ₂ sensor, ventilation volume can be changed	•	•	•
Fresh up indication	Indicates that fresh up operation is being carried out	•	-	-
CO ₂ indication	Indicates value of CO ₂ sensor	○	-	-
Outdoor temperature indication	Indicates outdoor air temperature (OA)	○	-	-
Nighttime free cooling indication	Show the night purge icon when is set	○	-	-
24 hours ventilating indication	Show the icon when is 24hrs operation is set	○	-	-
Ventilating operation indication	Indicates that ventilating operation is being carried out even when night purge operation and 24 hour ventilating operation is being carried out	•	•	-
Ventilating standby indication	Indicates that ventilating operation has been stopped temporarily during pre-cool / pre-heat control	○	-	-
Sharing CO ₂ data	Share the CO ₂ data to submit from main unit with in the group	○	-	-

Additional functions:
● Installed functions ○ Additional Installation function

Option List:

Type		Item	VAM150HVE	VAM250HVE	VAM350HVE	VAM500HVE	VAM650HVE	
Additional function	Silencer	Nominal pipe mm	-				KDDM24B100	
	High efficiency filter		KAF242J25M		KAF242J50M	KAF242J65M		
	Air filter for replacement		KAF241L25M		KAF241L35M	KAF241L65M		
Flexible duct (1m)			K-FDS101E		K-FDS151E	K-FDS201E		
	Flexible duct (2m)		K-FDS102E		K-FDS152E	K-FDS202E		
CO ₂ sensor		BRYC24A25M		BRYC24A35M	BRYC24A65M			
Humidity sensor		BRYH241A100 (for RA) / BRYH242A100 (for OA)						
PM2.5 filtration unit		BAF249A150	BAF249A300	BAF249A350	BAF249A500		-	
PM2.5 with activated carbon filtration unit		BAF249A150C	BAF249A300C	BAF249A350C	BAF249A500C		-	
Wired remote controller		BRC1H62W (White) / BRC1H62K (Black) / BRC1E63 / BRC2E61						
Controlling device	Centralised controlling device	Residential central remote controller	DCS303A51*1					
		Central remote controller	DCS302CA61					
		Unified ON/OFF controller	DCS301BA61					
		Schedule Timer	DST301BA61					
	PCB adaptor	Wiring adaptor for electrical appendices	KRP2A62					
		Installation box for adaptor	KRP1C18A90					
		For heater control kit	BRP4A50A					
PCB adaptor for wiring	KRP1C18							

Type		Item	VAM800HVE	VAM1000HVE	VAM1500HVE	VAM2000HVE	
Additional function	Silencer	Nominal pipe mm	KDDM24B100		KDDM24B100 x 2		
	High efficiency filter		KAF242K100M				
	Air filter for replacement		KAF241L100M		KAF241L100M x 2		
Flexible duct (1m)		K-FDS251E					
Flexible duct (2m)		K-FDS252E					
CO ₂ sensor		BRYC24A100M					
Humidity sensor		BRYH241A100 (for RA) / BRYH242A100 (for OA)					
PM2.5 filtration unit		BAF429A20A					
PM2.5 with activated carbon filtration unit		BAF429A20AC					
Wired remote controller		BRC1H62W (White) / BRC1H62K (Black) / BRC1E63 / BRC2E61					
Controlling device	Centralised controlling device	Residential central remote controller	DCS303A51*1				
		Central remote controller	DCS302CA61				
		Unified ON/OFF controller	DCS301BA61				
		Schedule Timer	DST301BA61				
	PCB adaptor	Wiring adaptor for electrical appendices	KRP2A62				
		Installation box for adaptor	KRP1C18A90				
		For heater control kit	BRP4A50A				
PCB adaptor for wiring	KRP1C18						

*1 For residential only. When connect with a Heat Reclaim Ventilator (VAM), you can only switch the power ON/OFF. It cannot be used with other central control equipment.



Pure air with a simple step

Specifications

DAIKIN AIR FILTER
High performance prefilter
BAF552A160

Round flow cassette
(including with Sensing Type)

Model Name	BAF552A160			
Brand	DAIKIN			
Production Base	AAF Malaysia			
Performance	MERV 8			
Dimensions	mm	526 x 523 x 35		
Airflow rate	m ³ /min	13.0	22.9	37.0
Initial Pressure Drop*2	Pa	18.1	35.8	81.4
Weight	g	520		
Lifetime *3		6 months (1,250 hours)		
Reuse		Non-reusable		

Note 1. It is necessary to set a high ceiling mode on site to prevent a decrease in air volume when installing the filter. The setting number differs according to each model. Please refer to the installation manual.

*2. This result is based on the test of the filter only. The results may be different in the actual use environment where the filter is installed in the indoor unit.

*3. Filter lifetime may vary depending on the condition of the operating environment. Certain instances such as high traffic areas, pets or smokers in a residence, or other situations may require more frequent changes.

Applicable Models

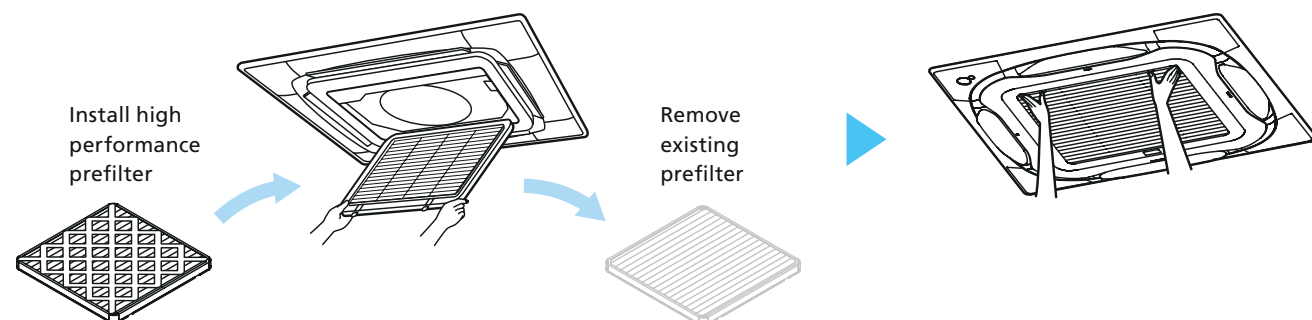


Indoor Unit		Panel	
Round Flow Cassette with Sensing	FXFSQ-A*	Standard panel	BYCQ125EAF(K)
		Standard panel with sensing	BYCQ125EEF(K)
Round Flow Cassette	FXFQ-A*	Standard panel	BYCQ125EAF(K)
Ceiling Mounted Cassette (Round Flow with Sensing) Type	FXFQ-S	Standard panel	BYCQ125B-W1
Ceiling Mounted Cassette (Round Flow) Type	FXFQ-L	Standard panel	BYCP125K-W1
Round Flow Cassette Type	FXFQ-P	Standard panel	BYCP125K-W1

* Cannot be used for Designer panel and Auto grille panel

Easy Replacement

The existing prefilter can be replaced easily*. Since it's a chamberless filter, the installer will remove the existing prefilter and replace it with the high performance prefilter.



* The filter should be fixed to the air conditioner with attached components, so consult your dealer when installing or replacing the filter.

Individual Control Systems For Vrv Systems

Navigation Remote Controller (Wired remote controller) (Option)



BRC1E63

This simple, modern designed remote controller with fresh white colour matches your interior design. Operation is much easier and smoother, just follow the indications on the navigation remote controller.



BRC1C62

Displays current airflow, swing, temperature, operating mode and timer settings design. Operation is much easier and smoother, just follow the indications on the navigation remote controller.

* Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E63. Cannot be set via other remote controllers.

Wireless remote controller (Option)



BRC7M635F
(For FXF(S)Q series)



Signal receiver unit
(Installed type)

- The wireless remote controller is supplied in a set with a signal receiver.
- Signal receiver unit of installed type is contained inside decoration panel or indoor unit.
- Shape of signal receiver unit differs according to the indoor unit.

* Note: The signal receiver unit shown in the photograph is for mounting inside the decoration panel of FXF(S)Q series.

- Backlight LCD of new wireless remote controller



Pressing the backlight button helps operating in dark rooms.



Wireless remote controller



Signal receiver unit
(Separate type)

- A compact signal receiver unit (separate type) to be mounted into a wall or ceiling is included.

* Wireless remote controller and signal receiver unit are sold as a set.
* Refer to page 189 for the name of each model.

Simplified remote controller (Option)



Exposed type
(BRC2C51)



Concealed type
(For hotel use)
(BRC3A61)

- The remote controller has centralised its frequently used operation selectors and switches (on/off, operation mode, temperature setting and airflow volume), making itself suitable for use in hotel rooms or conference rooms.
- The exposed type remote controller is fitted with a thermostat sensor.

Wide variation of remote controllers for VRV indoor units

	FXF(S)Q	FXZQ	FXCQ	FXKQ	FXDQ	FXSQ	FXMQ	FXHQ	FXAQ	FXL(N)Q	FXVQ	FXB(P)Q
Navigation remote controller (Wired remote controller) (BRC1E63)	●	●	●	●	●	●	●	●	●	●	●	●
Wired remote controller (BRC1C62)		●	●	●	●	●	●	●	●	●	●	●
Wireless remote controller* (Installed type signal receiver unit)	●	●	●					●	●			
Wireless remote controller* (Separate type signal receiver unit)				●	●	●	●			●		●
Simplified remote controller (Exposed type) (BRC2C51)					●	●	●			●		●
Simplified remote controller (Concealed type: for Hotel use) (BRC3A61)					●	●	●			●		●

Individual control systems for VRF systems

Stylish remote controller (Option)

New



Special Site

A complete redesigned controller focused to enhance user experience



White
BRC1H63W



Black
BRC1H63K

Sleek and stylish design

- Combines refinement and simplicity
- Echoes the distinct blue circle and simplicity of design
- Two attractive colours to match any interior
- Compact, measures only 85 x 85 mm



User-friendly interface

- Just three buttons and a large-figure display
- Customisable display
- Direct access to basic functions (ON/OFF, Operation mode, Temperature setting, Airflow rate, Airflow direction)
- Timer functions (OFF timer, Weekly schedule timer)
- Simple screen for hotel display



Easy setting via smartphone application using Bluetooth® wireless technology (for Installer/Facility manager)

Keep hotel room comfortable

- Improved setback function by setting the lower temperature limit in cooling and higher temperature in heating mode.
- Window/door contact interlock function is available via optional Digital Input Adaptor BRP7A*.



<App screen image>

Shorter installation time

- Easy to create multiple remote control and field settings via App
- Prepare a setting in advance at the office and immediately send it to the on-site remote controller
- Save and reuse settings
- Remote update function (OTA: Over The Air)

Navigation remote controller (Wired remote controller) (Option)



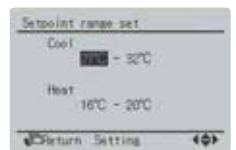
BRC1E63

A series of user friendly functions that can be individually selected

Energy saving

Setpoint range set

- Avoids excessive cooling by limiting the min. and max. set temperature.
- Convenient for use at a place where any number of people may operate it.



Setpoint auto reset

- Even if the set temperature is changed, the new set temperature returns to the previous preset value after a preset duration of time.
- Period selectable from 30, 60, 90, or 120 min.



Off timer

- Period can be preset from 30 to 180 minutes in 10-minute increments.

Convenience

Setback (default: OFF)

- Maintains the room temperature in a specific range during unoccupied period by temporarily starting air conditioner that was turned OFF.

Weekly schedule

- 5 actions per day can be scheduled for each day of the week.
- The holiday function will disable schedule timer for the days that have been set as holiday.
- 3 independent schedules can be set. (e.g. summer, winter, mid-season)



Auto display off

- Period can be preset from 10, 30, 60 minutes, and OFF. Initial setting is 30 minutes.

Comfort

Individual airflow direction

- Airflow direction can be individually adjusted for each air discharge outlet.

5-step airflow control

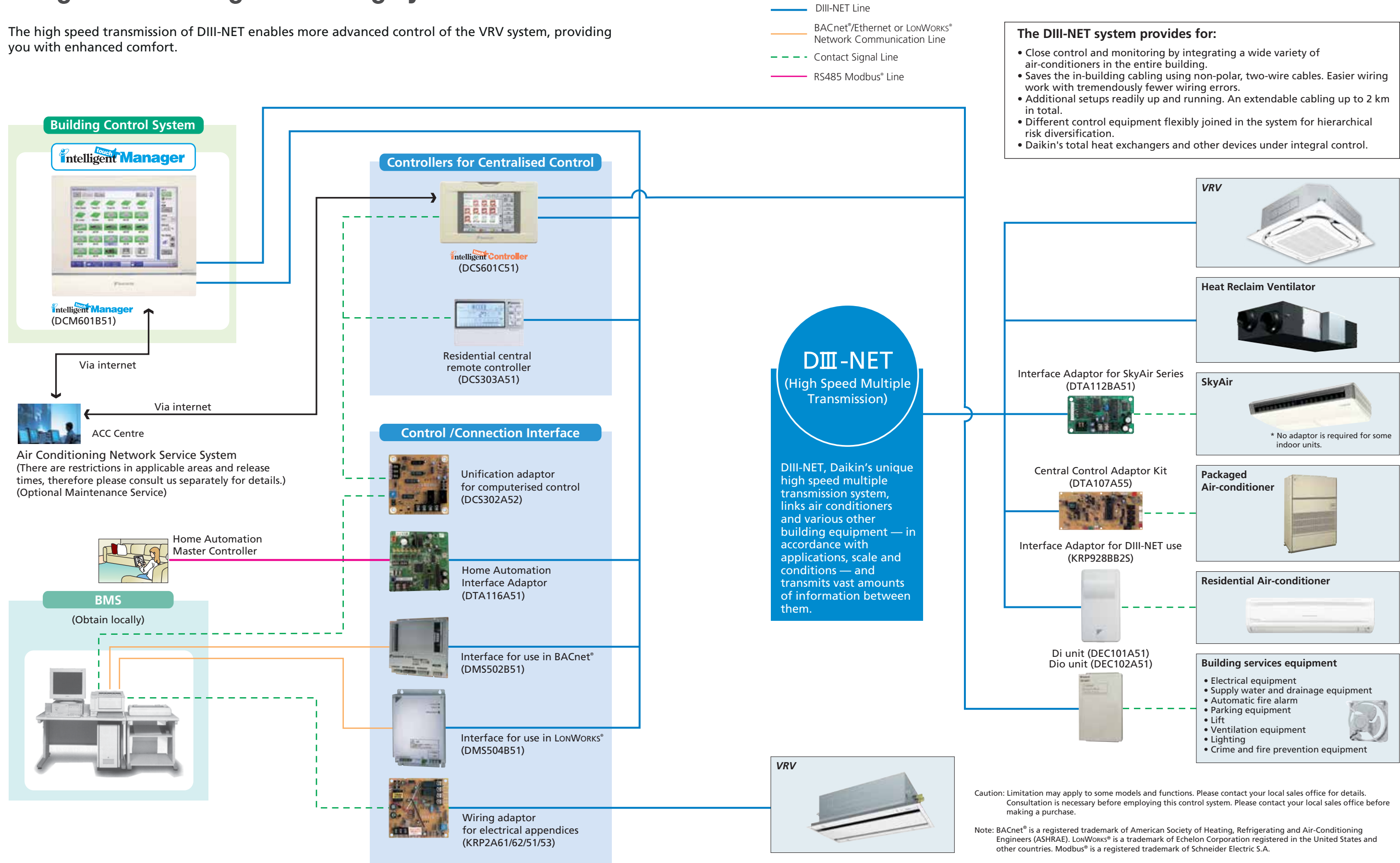
- Airflow rate can be selected from 5-step control.

Auto airflow rate

- Airflow rate is automatically controlled.

Integrated building monitoring system

The high speed transmission of DIII-NET enables more advanced control of the VRV system, providing you with enhanced comfort.



Advanced control systems for VRV systems



Intelligent Touch Manager

DCM601B51

Various types of equipment in a building can be controlled by a single controller.

One touch selection enables flexible control of equipment in a building.

Individual air-conditioning control

The flexible control achieved by the VRV system precisely meets different air conditioning needs in each room (e.g. offices, conference rooms, hotel rooms).



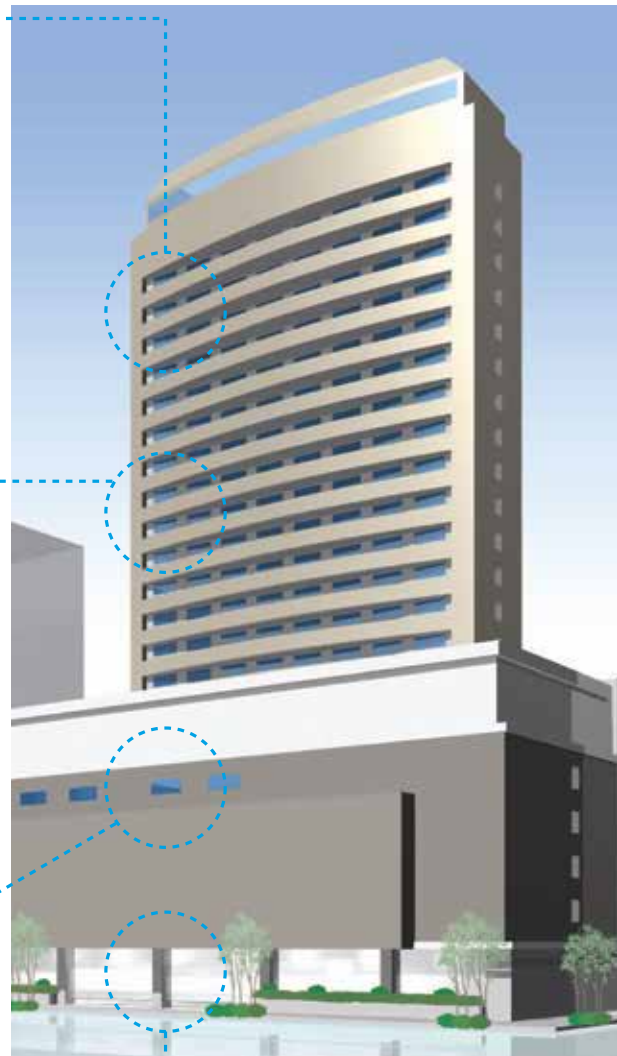
Lighting control DALI-compatible

DALI-compatible LED lighting systems can be controlled and monitored. Lighting control is enhanced through an interlock function with air conditioners and other functions.



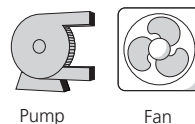
Air-conditioning control for large spaces

Air handling units can also be controlled. Large spaces, such as entrance halls and shopping malls, can be easily controlled to ensure comfort.



Building equipment control

Various types of equipment other than air conditioners, including ventilators, fans, and pumps, can also be controlled.

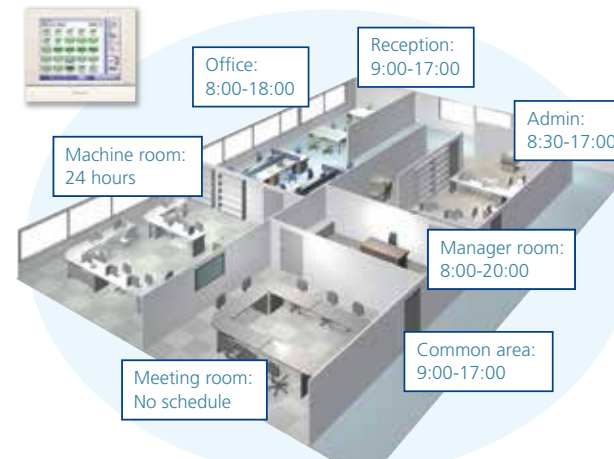


For energy saving & comfort

intelligent Touch Manager maximises the advantages of VRV features

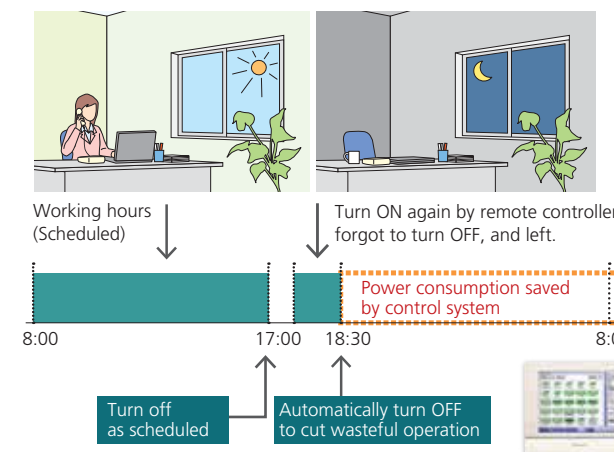
intelligent Touch Manager is an advanced multi-zone controller that provides the most cost-effective way to control and monitor the Daikin VRV system. The 10.4" LCD touch screen is easy to use with three different screen views to include the floor plan layout view, icon view and list view and menus for system configurations. It is also easy to use with standardized remote Web Access from your PC. It can manage a total of 650 management points consisting of up to 512 Daikin indoor unit groups (up to 1024 indoor units) along with building equipment control / monitoring with Digital Inputs / Output (Di/Dio), Analog Inputs / Output (Ai/Ao) and Pulse input (Pi) optional devices.

Schedule the operation time for each application.



Setting the I-demand function and nighttime quiet operation function is also possible.

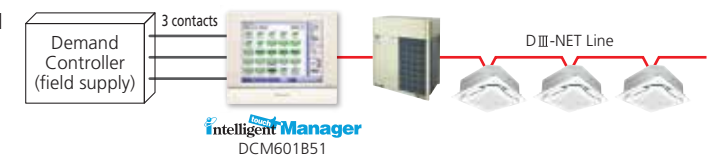
Turn the unit OFF if a user didn't.



External contact demand control function

This function automatically controls outdoor and indoor unit capacity based on contact signals sent from demand controller (field supply) etc. to save power consumption during peak hours.

- You may set 3 levels that can be switched by ON/OFF signal of 3 contacts
- Control settings are pre-set for each level
- Outdoor unit: I-demand function for peak power limit
- Indoor unit: Set temperature shift, Forced thermostat OFF

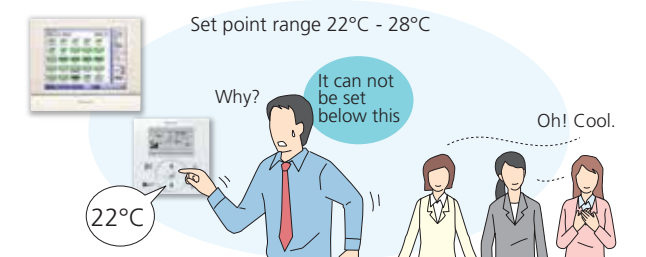


Define the setpoint range that users can change.

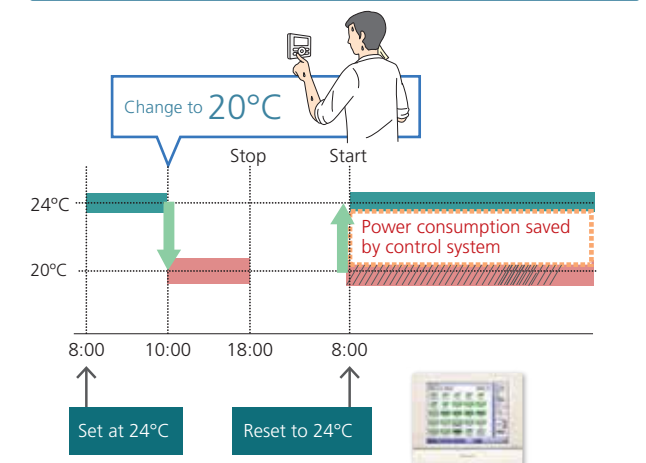
With Remote controller



With Control System



Reset setpoint regularly.



Lighting control (Option)

In addition to switching lights on and off, advanced lighting control, such as illuminance adjustment, can be achieved

Connection to DALI-compatible lighting control system

DALI-compatible

Please contact your local sales office for details.

Simple wiring (daisy chain) enables management of LED lighting by the *intelligent Touch Manager*. Various air conditioning and lighting control is enabled through the interlock with occupancy sensors and illuminance sensors.

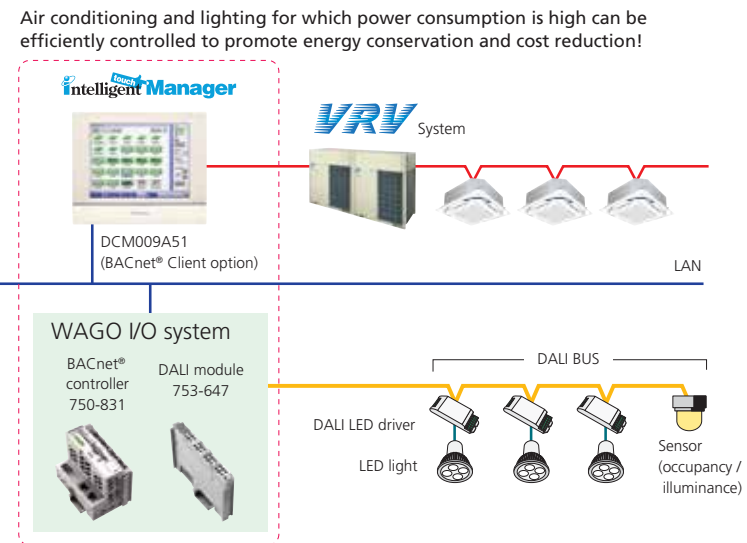
Lighting control achieved by the *intelligent Touch Manager*

[Operation]

- Switch-on/switch-off operation
- Illuminance (1–100%) control
- Various illuminance patterns can be registered
- Registered pattern can be selected from *intelligent Touch Manager*

[Monitoring]

- Switch-on/switch-off status monitoring
- Lighting abnormality monitoring
- Illuminance monitoring
- DALI occupancy sensor monitoring
- DALI illuminance sensor monitoring



Air conditioning and lighting for which power consumption is high can be efficiently controlled to promote energy conservation and cost reduction!

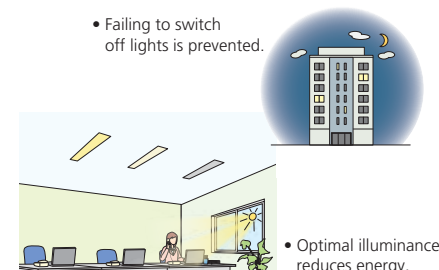
Overview of control

- Up to 5 DALI modules can be connected to a single BACnet® controller.
- Up to 64 DALI LED drivers (64 addresses) can be connected to a single DALI module.
- 64 DALI addresses can be freely assigned to up to 16 groups using a single DALI module. (Each group corresponds to a management point of the *intelligent Touch Manager*.)
- Up to 16 scenes can be set to a single DALI module.
- Up to 12 sensors (occupancy, illuminance) can be connected to a single DALI module.
- DALI BUS simplifies wiring and setting work by daisy chain wiring and automatic address setting.

Easy maintenance and energy saving by lighting control

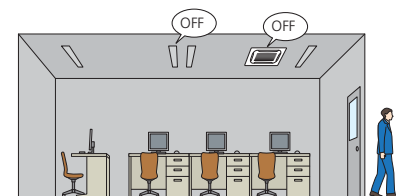
Case 1

Switch-on / switch-off and illuminance are controlled based on a schedule to cut wasteful power consumption.



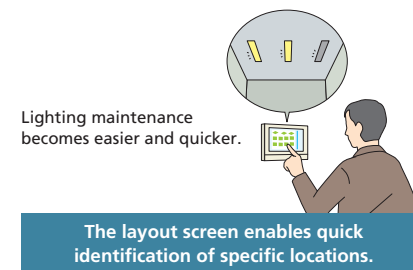
Case 2

Occupancy sensors are used to eliminate both wasteful lighting and air conditioning. When a room is unoccupied, the air conditioning stops and the lighting is switched off.



Case 3

Lighting abnormalities (e.g. burned-out bulbs) can be checked on the *intelligent Touch Manager* screen.



Tenant management

Reporting the power consumption of VRV system for each tenant (PPD* Option)

With the PPD function, power consumption can be calculated for each indoor unit (Option)

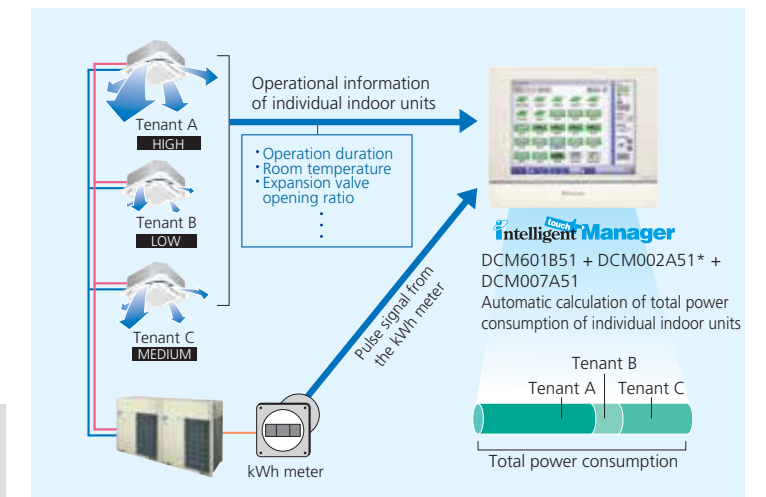
The energy consumption is proportionally calculated for each indoor unit. The data can be used for energy management and calculation of air conditioning usage fees for respective tenants.

Operational information of individual indoor units are monitored, based on distribution of power consumption of outdoor units.

Daikin's PPD keeps track of power distribution for each indoor unit. It performs air conditioning billing calculations quickly and automatically.

It is easy to output PPD data.

PPD data is output in CSV format to a PC or USB memory device and can be freely processed and managed.



*PPD (Power Proportional Distribution) is Daikin's proprietary calculation method.

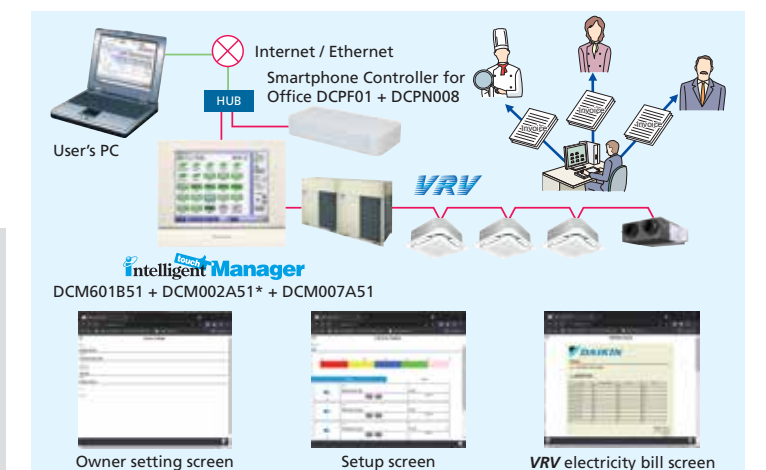
Air conditioning bills can be issued by one click (PPD* Option)

Electricity bills can be easily calculated for each tenant (Option)

The power consumption of VRV controlled by the *intelligent Touch Manager* can be easily managed for each tenant using a PC. The electricity bill settings facilitate billing work through easy calculation and issuance of VRV electricity bills.

Main functions

- Register tenants
- Set the electricity unit price for 5 time zones
- Calculate power consumption and electricity charge for each tenant
- Show aggregation results in the specified period for each tenant
- Output the results (Printout and CSV file)



*PPD (Power Proportional Distribution) is Daikin's proprietary calculation method.

Effective service functions offered to tenants

Smartphone will be a remote controller of VRV system (Option)

Users can operate and check the status of VRV system from their smartphones via the internet.

It is not necessary to move where a remote controller is located with this feature. VRV system in other rooms can be operated, and their status can be checked. It is also possible to check if air conditioners in other rooms remain switched on etc., helping achieve energy saving.

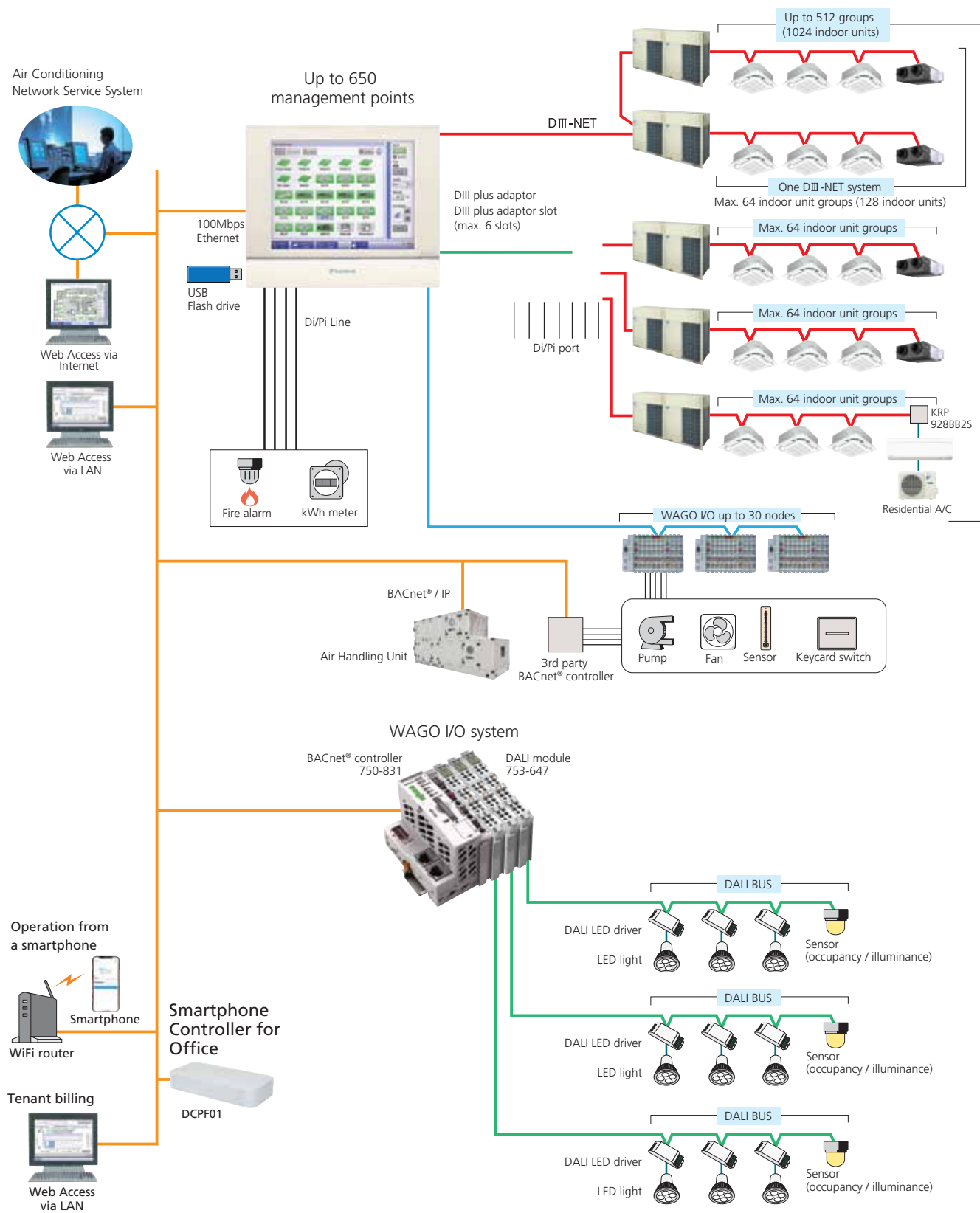
For buildings VRV Smartphone Remote Controller

Up to 1024 indoor units can be controlled.

Just add Smartphone Controller for Office DCPF01 to this system



intelligent Touch Manager system overview



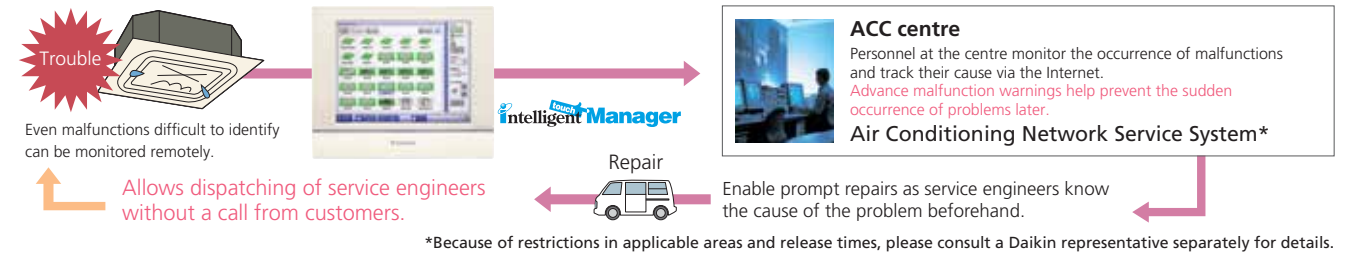
Air conditioning network service system

Preventive maintenance

The *intelligent Touch Manager* can be connected to Daikin's own Air Conditioning Network Service System for remote monitoring and verification of operation status for **VRV** system. By its ability to predict malfunctions, this service provides customers with additional peace of mind.

Enhanced convenience with link to the Air Conditioning Network Service System

The *intelligent Touch Manager* connects seamlessly to Daikin's 24-hour Air Conditioning Network Service System.



Daikin offers a variety of control systems

Convenient controllers that offer more freedom to administrators

Ease of use and expanded control functions

The user-friendly controller features colours, multilingual function, and icons in the display for ease of understanding. A wide variety of control methods can be accommodated, permitting administrators to monitor and operate the system even when they are away from the controller.

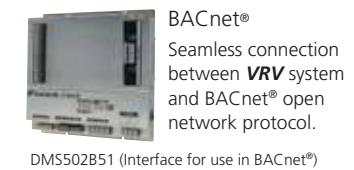
intelligent Touch Controller



DCS601C51

Connect VRV system to your BMS via BACnet® or LONWORKS®

Compatible with BACnet® and LONWORKS®, the two leading open network communication protocols, Daikin offers interfaces that provide a seamless connection between **VRV** system and your BMS.



DMS502B51 (Interface for use in BACnet®)



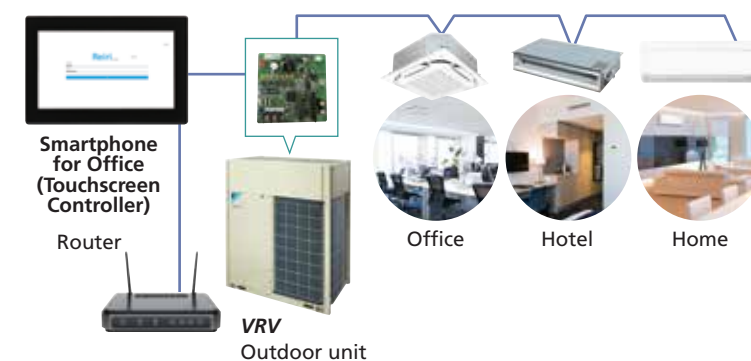
DMS504B51 (Interface for use in LonWorks®)

Notes: 1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
2. LONWORKS® is a trademark of Echelon Corporation registered in the United States and other countries.

Dedicated interfaces make Daikin air conditioners freely compatible with open networks

Specialised solution for office, home and hotel with Smartphone Controller Series

Catering to different applications, ranging from 10 indoor units to 2048 indoor units



- For Office Building Automation System 🏢
- For Home Smart Home Solution 🏠
- For Hotel Air Conditioning Guestroom Interlocking Management 🏨



Smartphone Controller for Office (Touchscreen Controller)



Smartphone Controller • for Office (Controller Extension)

- for Office (Multisite Extension)
- for Home

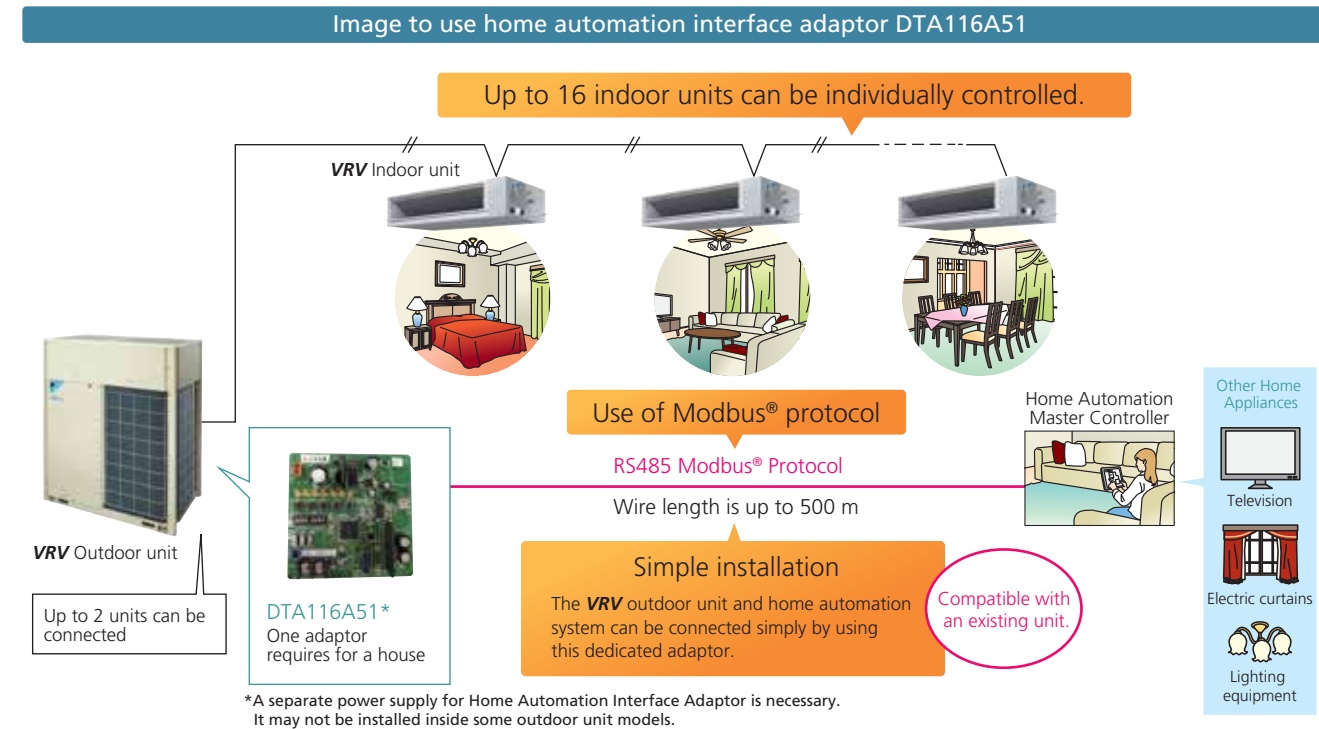


Smartphone Controller • for Home (Lite Version)

- for Hotel
- for Resort

Home automation interface adaptor

The VRV system can be operated from the home automation system.



Functions Monitor

On/Off	On/Off status of indoor units
Operation mode	Cooling, Heating, Fan, Dry, Auto (depend on indoor unit capability)
Setpoint	Setpoint of indoor units
Room temperature	Suction temperature of indoor units
Fan direction	Swing, Flap direction (depend on indoor unit capability)
Fan volume	L, M, H (depend on indoor unit capability)
Forced off status	Forced off status of indoor units
Error	Malfunction, Warning with Error code
Filter sign	Filter sign of indoor units
Communication status	Communication normal/error of indoor units

Control

On/Off	On/Off control of indoor units
Operation mode	Cooling, Heating, Fan, Dry, Auto (depend on indoor unit capability)
Setpoint	Cooling/Heating setpoint
Fan direction	Swing, Stop, Flap direction (depend on indoor unit capability)
Fan volume	L, M, H (depend on indoor unit capability)
Filter sign reset	Reset filter sign of indoor units

Retrieve system information

Connected indoor units	DIII -NET address of connected indoor units can be retrieved.
Indoor unit capabilities	Indoor unit capabilities such as operation mode, fan control, setpoint HV can be retrieved.

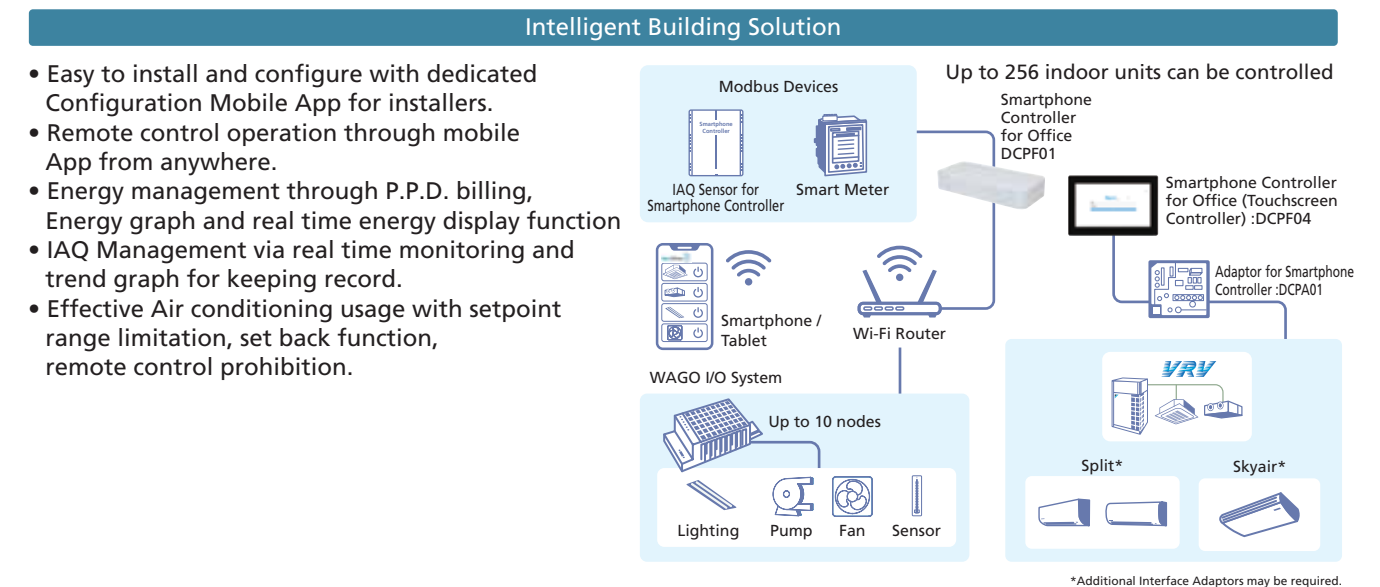
* Modbus® is a registered trademark of Schneider Electric S.A.

Complete control system for VRV systems



Office Air Conditioning Solution (Smartphone Controller for Office :DCPF01 / Smartphone Controller for Office (Touchscreen Controller) :DCPF04)

A simple office buildings air conditioning solution with a secured, cloud enabled platform, allowing greater ease of control and control while being energy-efficient. The flagship model DCPF04 offers the smart control system with a dedicated touch panel.



- Easy to install and configure with dedicated Configuration Mobile App for installers.
- Remote control operation through mobile App from anywhere.
- Energy management through P.P.D. billing, Energy graph and real time energy display function
- IAQ Management via real time monitoring and trend graph for keeping record.
- Effective Air conditioning usage with setpoint range limitation, set back function, remote control prohibition.

Specifications

Category	Function	Description
Monitoring & Control	Status monitoring	On/Off, setpoint, operation mode, fan step, flap, error, error code, Room temperature
	Manual Operation	On/off, setpoint, operation mode, fan step, flap, scene control ¹
	Remote control prohibition	Individually prohibit operation of each local remote-control function
	Setpoint range limitation	To limit setpoint range for each indoor unit management point
Automatic Control functions	Automatic changeover ¹	Number of changeover groups: 100
	Off timer	Off timer duration can set from 5min to 120min with every 5min interval
	Setback ¹	Setback setpoint can selected within 24-35°C in cooling mode and 5-20°C in heating mode.
	Schedule	Number of programmes: 100; Up to 20 actions can be registered per pattern.
	Interlock ¹	Interlock operation depending on equipment status
Data Management	History, Report ¹	Operation data (latest information and operation report) and error report on daily/monthly basis.
	Trend graph ¹ , energy graph ¹	Chart on environmental changes and energy (and other meter) values.
	Real time energy display ^{1,2}	Daily/ Monthly real time energy consumption status on screen.
P.P.D Billing ^{1,2}		Generate Bill with Power Proportional Distribution data retrieved from the system.
System Setting		Language, Password setting, Account setting, Notification, Email Notification

¹ Optional software for Smartphone Controller for Office, DCPF01

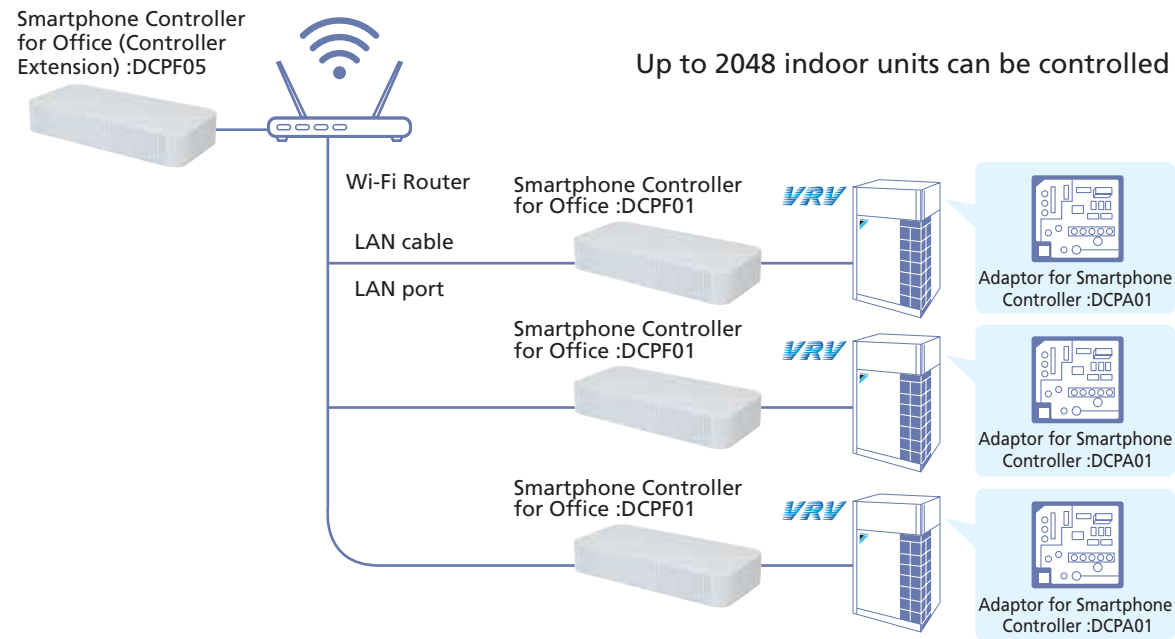
² Optional software for Smartphone Controller for Office (Touchscreen Controller), DCPF04

Control Systems

Office Expanded Solution (Smartphone Controller for Office (Controller Extension) :DCPF05)

A dedicated control solution for large scale office buildings through centralised control of multiple Smartphone Controller for Office controller on a single secured and cloud-enabled platform.

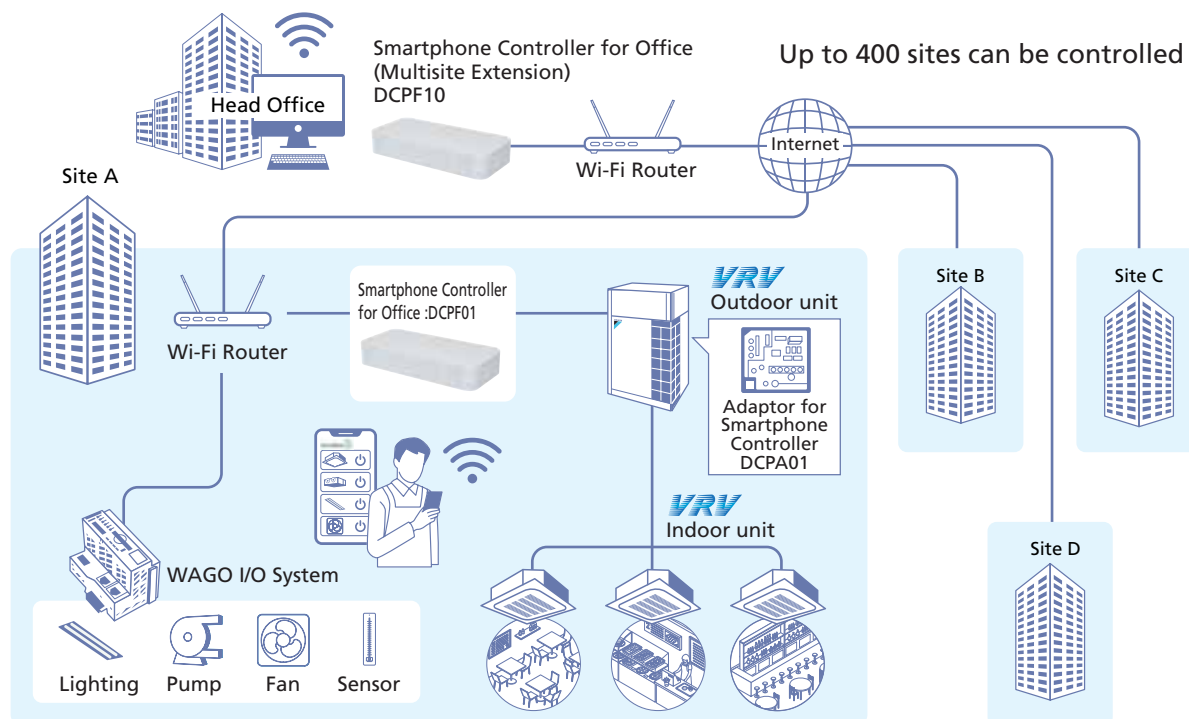
Note: P.P.D. & Tenant Billing Management and Real-Time Energy Monitoring (R.E.M.) are offered as optional software.



Multi Site Management Solution (Smartphone Controller for Office (Multisite Extension) :DCPF10)

Centralised control and remote access for all devices in multiple buildings across different locations conveniently located on one secured platform.

Note: Multi-site Branch Expansion is offered as optional software.



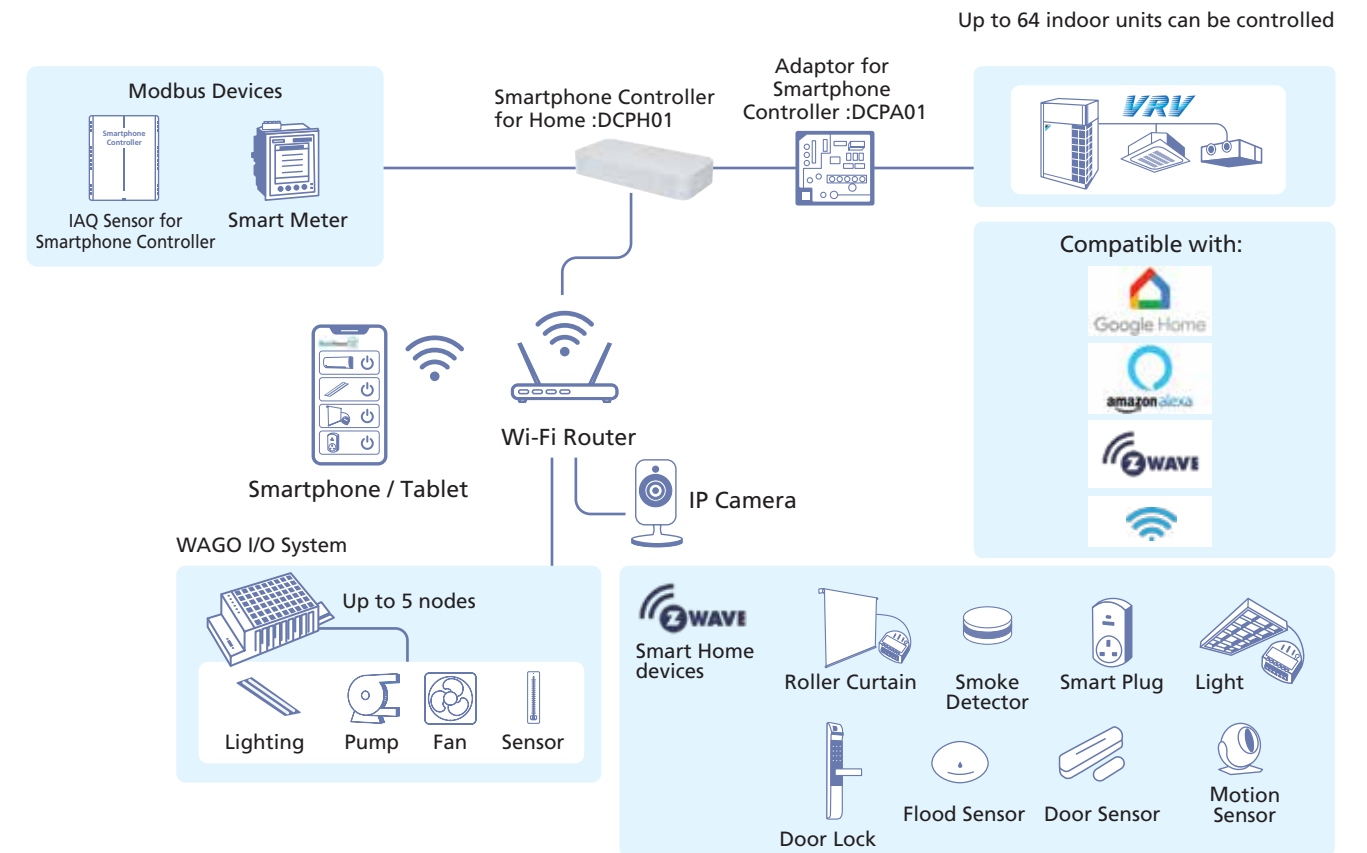
Smart Home Solution (Smartphone Controller for Home :DCPH01)

The complete smart home air conditioning solution for every homeowners with integration capabilities to allow ease and convenience of control for almost every smart devices

Complete Smart Home Solution

- Supports Zwave, WAGO, Modbus, LAN communication
- Convenience & Lifestyle
- IAQ Management
- Energy Management
- Home Security Solution
- Google Home Enabled

Note: Residential automatic control and system report is offered as optional software.

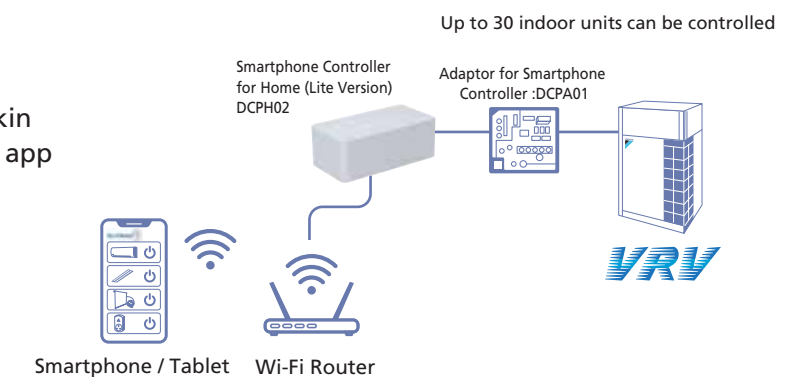


Notes: 1. Google Home and the Google Home logo are trademarks of Google LLC.
2. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
3. Z-Wave® is a registered trademark of Sigma Designs and its subsidiaries in the United States and other countries.

VRV Smart Centralised Control Solution (Smartphone Controller for Home (Lite Version) :DCPH02)

Designed to enhance the comfort and convenience for homeowners, offering complete control of core functions in Daikin Airconditioning system remotely through app access

Note: Residential automatic control and system report is offered as optional software.



Control Systems

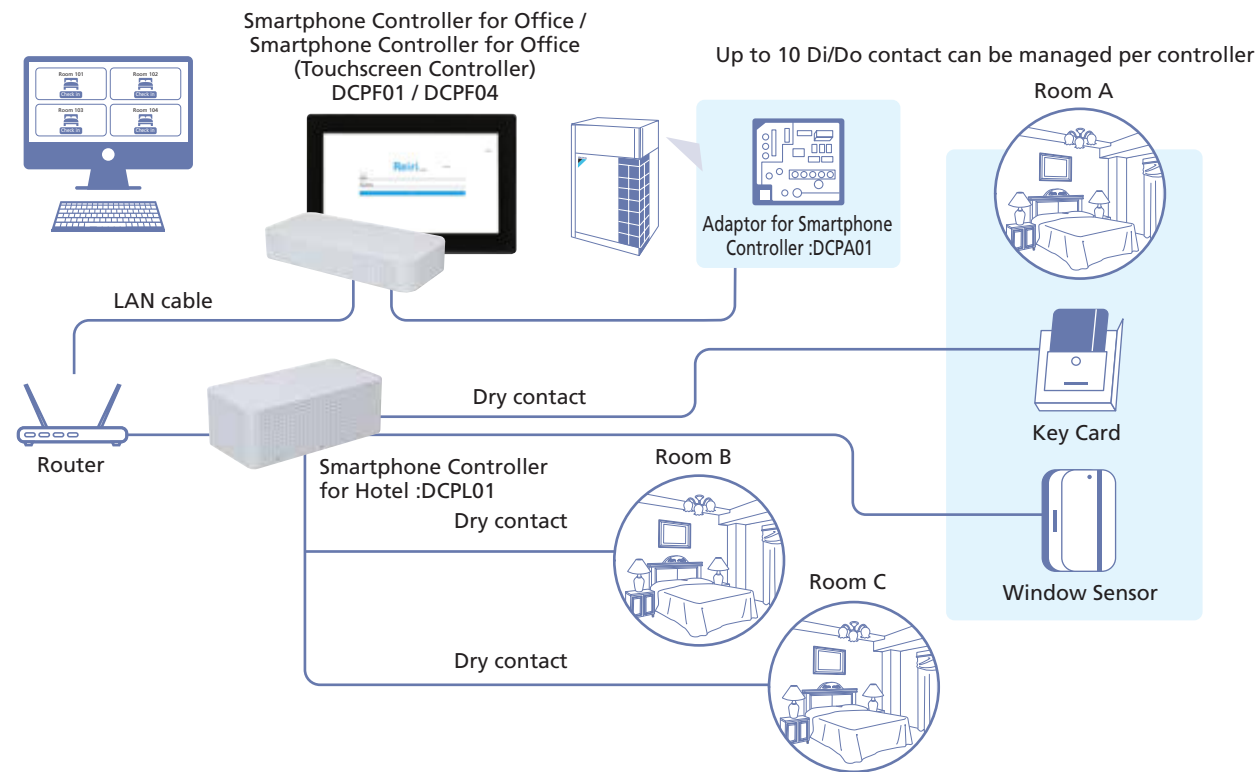
Hotel Air Conditioning Solution (Smartphone Controller for Hotel :DCPL01)

The smart hotel air conditioning solution for effective air conditioning operation that maximize guest comfort and minimize energy consumption in a hotel

Air Conditioning Guestroom Interlocking Management

- Automatic air conditioning control based on check in/out signal, key card signal and window open/close signal
- Guest comfort

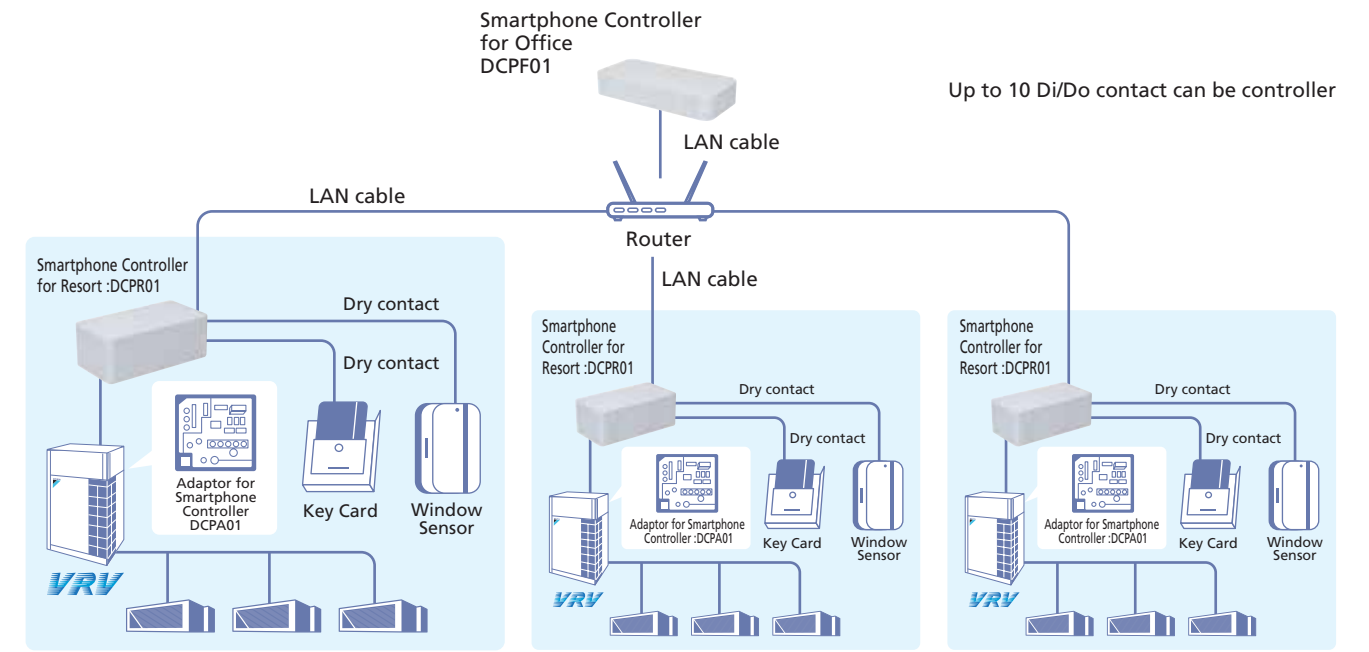
Note: The Smartphone Controller for Hotel controller has to be used with Smartphone Controller for Office / Smartphone Controller for Office (Touchscreen Controller) / Smartphone Controller for Office (Contoroller Extension) controller as building controller.



Villa Air Conditioning Solution (Smartphone Controller for Resort :DCPR01)

Designed to enhance the comfort and convenience for each villa according to use by guests

- Automatic air conditioning control based on check in/out signal, key card signal and window open/close signal
- Guest comfort



Streamer Duct Chamber

New BDEZ-A Series

Utilising Streamer technology to ducted indoor unit



Display panel

Lineup

Model	BDEZ500A60VE	BDEZ500A140VE	BDEZ500A510VE
Airflow range (CMH)	80-600	500-1400	1200-5100



Presentation Movie

Functionality Streamer Duct Chamber Internal Structure

Dust collection filter (MERV 14) catches bacteria and viruses and prevents them from entering the room.

Dust Collection Filter (MERV 14)

Particulate matter as small as 2.5 µm (micrometers) can be breathed deep into the lungs. Rest assured that your air remains clean as the filter is able to remove particulate matter as small as PM2.5 with Dust Collection Filter (MERV 14) ratings in accordance to ASHRAE 52.2 Standards.

Product: Streamer Duct Chamber (Line-Up 1,2,3)
 Testing Organization: Goldensea
 Test Number: GS-GL-0817-2021-01/02, GS-GL-0818-2021-01
 Test Method: Filter performance test based on ASHRAE 52.2-2017
 Test result: The filter meets MERV 14 rating.

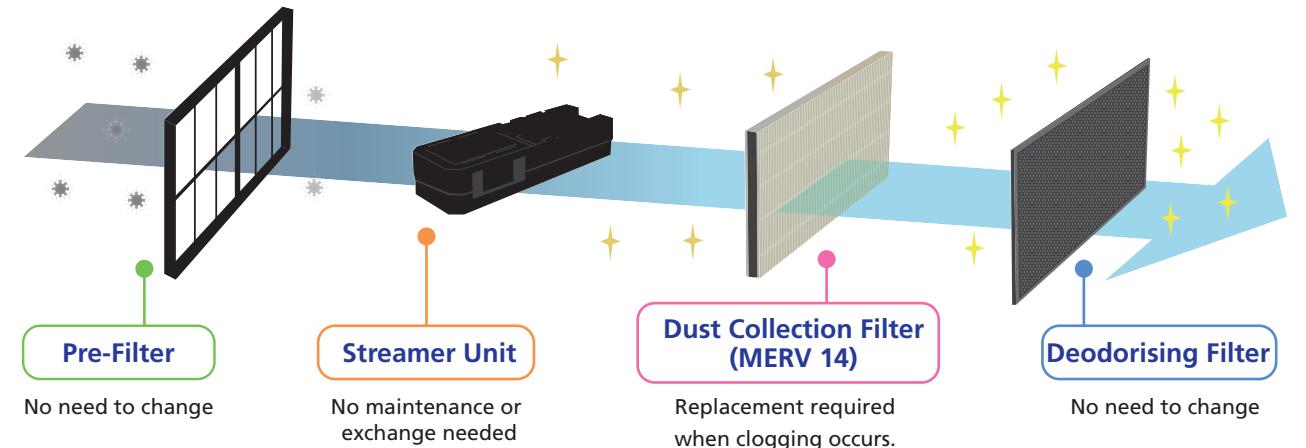
Standard 52.2 Minimum Efficiency Reporting Value	Composite Average Particle Size Efficiency, % in Size Range, µm		
	Range 1 (0.3-1.0)	Range 2 (1.0-3.0)	Range 3 (3.0-10.0)
14	75%	90%	95%

Dust Collection Filter (MERV 14) Replacement Period

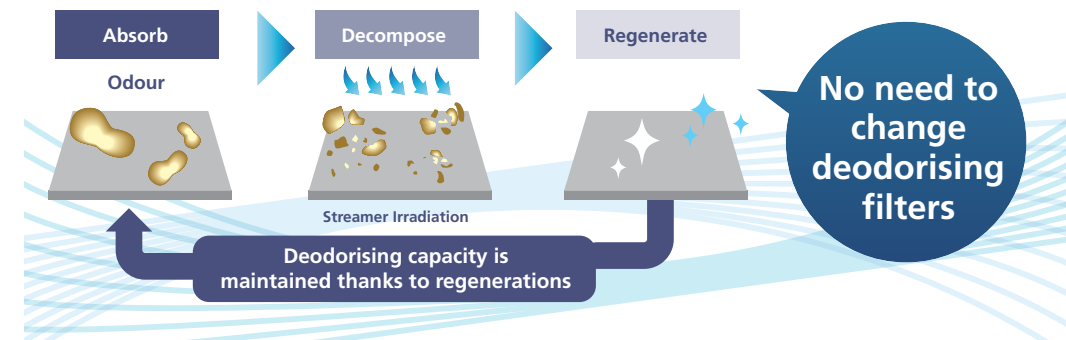
Air Quality Condition	Dust concentration (µg/m ³)		Replacement period
	PM2.5	PM10	
Case 1	18.5	28.5	12 months
Case 2	35	65	6 months

Replace with a new filter when clogging occurs. The left table shows the approximate replacement time when daily operation is 9 hours and annual operation are 240 days. It shows the calculation result for two air conditions. Adjust the replacement timing in consideration of the air environment in the area where the product is actually installed and the time and day it is operated.

Filters Mechanism



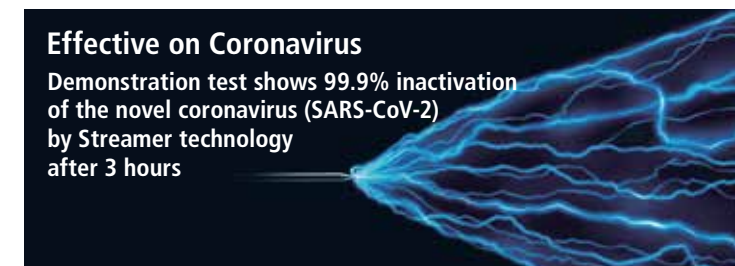
Deodorising Filter



Stability Streamer Technology

Streamer technology decomposes harmful substances caught by the filter. See page 3-4

Streamer technology is a unique Daikin technology that decomposes viruses, bacteria, allergens such as pollen, hazardous chemical substances such as formaldehyde, and odours with strong decomposing power.



Effective on Coronavirus
 Demonstration test shows 99.9% inactivation of the novel coronavirus (SARS-CoV-2) by Streamer technology after 3 hours



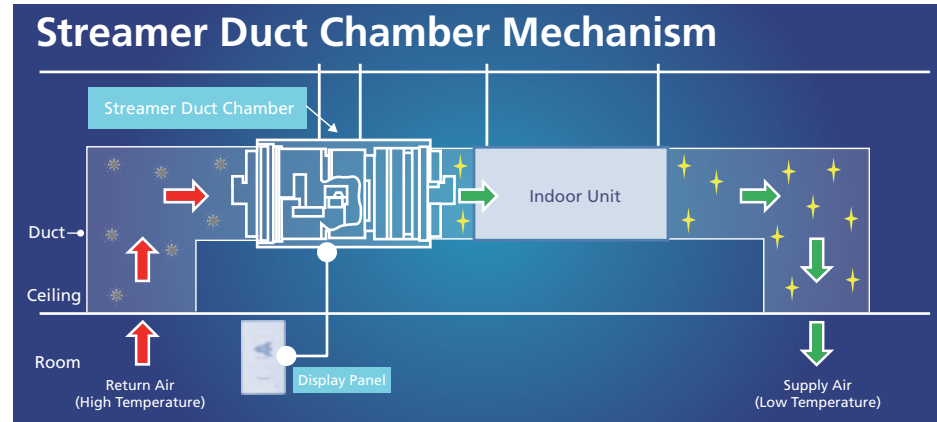


Connectable Air Conditioning

Multiple combination of ducted unit



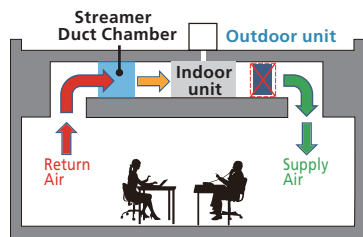
* Any ducted type indoor units except FXDSQ/FXDQ models are connectable. Refer to option list of indoor unit for details of connected models.



Installation Conditions

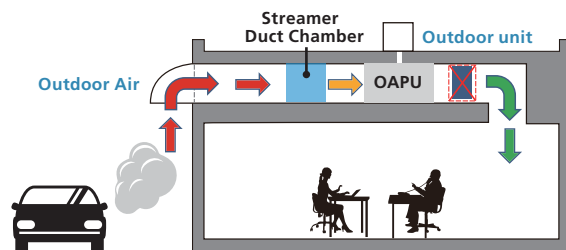
Duct Type Indoor Unit

Streamer Duct Chamber must be installed before the air conditioner unit to avoid condensation issue due to cold air draft.



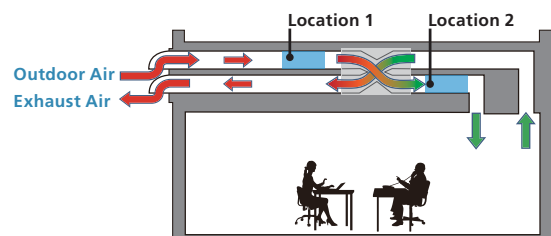
Outdoor-Air Processing Unit

Streamer Duct Chamber must be installed before the air conditioner unit to avoid condensation issue due to cold air draft. Besides, it can avoid the outdoor-air processing unit from getting dirty with the outdoor polluted air.






Heat Reclaim Ventilator

Streamer Duct Chamber can be installed in either Location 1 or Location 2. However, Location 1 is highly recommended in order to avoid VAM from getting dirty with the outdoor polluted air.



Specifications


MODEL	  			
	BDEZ500A60VE	BDEZ500A140VE	BDEZ500A510VE	
Power supply	1 phase, 220-240 V/220 V, 50/60 Hz			
Casing dimensions	H (mm)	269	318	
	W (mm)	419	1419	
	D (mm)	418	653	
Operating temperature	°C -10 to 50			
Operating humidity	% Max. 80%RH			
Airflow rate	CMH	80 - 600	500 - 1400	1200 - 5100
Initial pressure drop	Pa	5 - 59	18 - 76	16 - 156
Dust collection filter (MERV 14) lifespan	Months (based on median CMH)	12	12	12
Weight	kg	13	19	38
Power consumption	W	6.0	8.5	11.0
Sound pressure level	No increase in Sound Pressure Level as overall system			
Filters quantity	Pre-filter	1	2	4
	Dust collection filter (MERV14)	1	2	4
	Deodorising filter	1	2	4
Replacement filter dust collection filter (MERV 14)		BAFH500A60 (1pc)	BAFH500A140 (2pcs)	BAFH500A510 (4pcs)
Dimensions HxWxD	mm	221 × 392 × 50 (referring to 1pc only)		450 × 343 × 50 (referring to 1pc only)
Working method	DP sensor			

Precision Piping Method

A smarter way to connect refrigerant piping for VRV installations

Using TIGHTFIT (Daikin Gas Tight Joint) ensures safety, easy connection work and quick installation. In addition, heavy equipment, such as gas cylinders used for brazing, becomes unnecessary.


TIGHTFIT



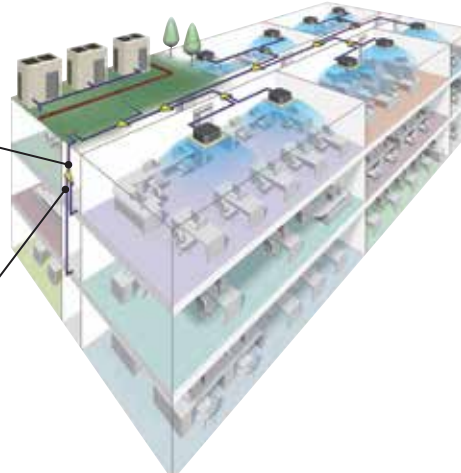
TIGHTFIT (Daikin Gas Tight Joint)

- ✓ Easy installation by tightening with a wrench
- ✓ Metal seal to eliminate gas leaks
- ✓ Function to prevent insufficient nut tightening

Non-Brazed REFNET Joint New



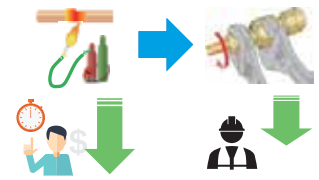
- ✓ Non-Brazed connection
- ✓ Directly connects to Tightfit
- ✓ Insulation material conforms to British Standard fire protection



Innovative problem solving for VRV refrigerant piping installation


Shorter installation time

Easy piping work significantly shortens installation time. This makes installation possible for projects with short deadlines while reducing labor costs.



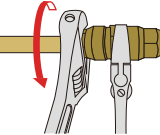
Safety for Fire

Because no brazing is involved, installation is safe with no danger of fire. This makes it ideal for installation in renewal projects.



Easy work

- Torque for tightening nut is lower than the torque of the flare nut.
- Work can be safely performed even in high locations.
- Two wrenches are used to tighten pipe connection. (No special tools required.)




Torque for tightening flare nut: 75Nm

Torque for Tightfit tightening: 19Nm (LOW TORQUE)

75% reduction for $\phi 15.9$ copper pipe

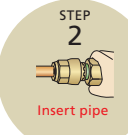
Installation completed in 4 steps

STEP 1




Mark insertion standard line

STEP 2



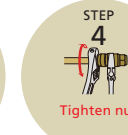
Insert pipe

STEP 3




Manually tighten nut

STEP 4




Tighten nut



Easy piping connection for residential installations

When installing a small-size VRV in a residential home, we suggest using a header pack to reduce construction and simplify installation. This also eliminates the need for heavy tools.


HEADER PACK

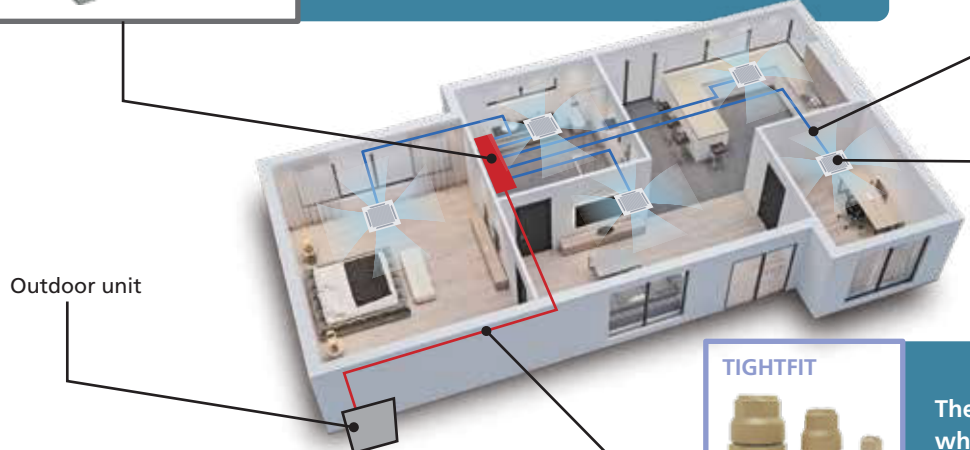


HEADER PACK (Packaged Refnet Headers)

- ✓ Time Saver using Quick Flare Nut Connection
- ✓ Compact design with low height
- ✓ Connects up to 4 and 6 indoor units

Soft copper pipe






Outdoor unit

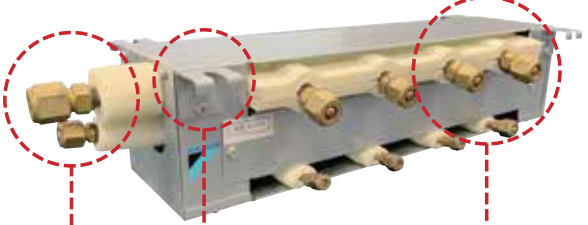
Indoor unit

TIGHTFIT



There are also cases where Tightfit is used.


HEADER PACK



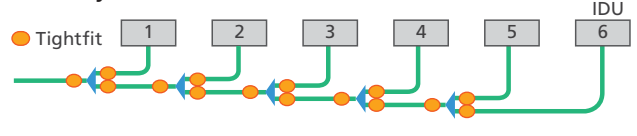
Connect by Daikin Gas Tight Joint or flare

Easy installation

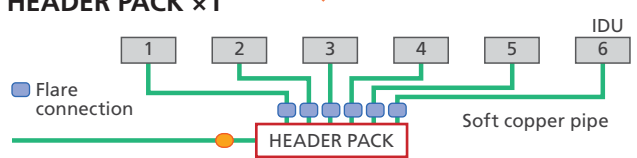
Flare nut connection



Refnet joint x5



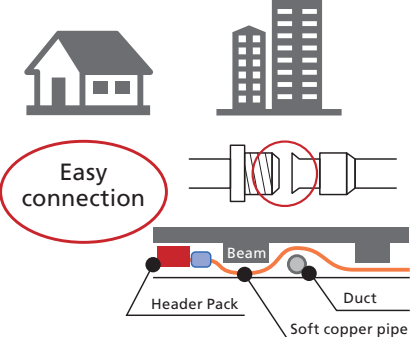
HEADER PACK x1



Benefits of Header Pack

- Ideal for small-size properties and condominiums
- Fewer piping connections
- Flare connection makes it easy to connect
- Easy installation with substantial use of soft copper pipes (Good workability in high places and narrow spaces.)

Easy connection



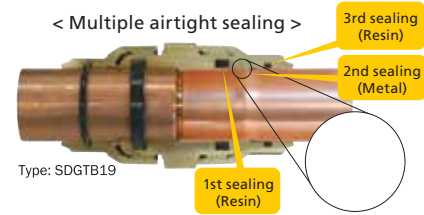
Precision Piping Method

Quality assurance

Conforms to ISO14903

Tightness test: P=4.3MPa;
Test medium: 100% Helium, T=22°C
Max leakage: 7.5 x 10⁻⁷ Pa·m³/s or less.
Vacuum test: 6.5kPa in absolute

Easy to fit, tight connection

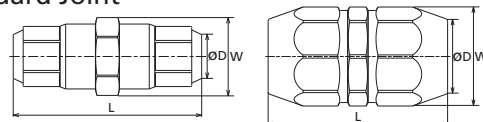


TIGHTFIT full lineup

Standard Joint		Asymmetry Joint		90° Bend Joint		Test Plug	
Size	Model name	Size	Model name	Size	Model name	Size	Model name
ø6.35	SDGTB06	ø9.52-6.35	SDGTB0906	-	-	ø6.35	SDGTKB06
ø9.52	SDGTB09	ø12.70-9.52	SDGTB1209	-	-	ø9.52	SDGTKB09
ø12.70	SDGTB12	ø15.88-12.70	SDGTB1512	-	-	ø12.70	SDGTKB12
ø15.88	SDGTB15	ø19.05-15.88	SDGTB1915	-	-	ø15.88	SDGTKB15
ø19.05	SDGTB19	ø22.22-19.05	SDGTB2219	-	-	ø19.05	SDGTKB19
ø22.22	SDGTB22	ø25.40-22.22	SDGTB2522	ø22.22	SDGTLB22	ø22.22	SDGTKB22
ø28.58	SDGTB28	ø28.58-25.40	SDGTB2825	ø28.58	SDGTLB28	ø28.58	SDGTKB28
ø34.92	BDGTA34	ø34.92-28.58	SDGTB3428	-	-	-	-
ø41.28	BDGTA41	-	-	-	-	-	-

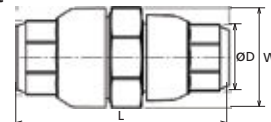
Dimension & weight

Standard Joint



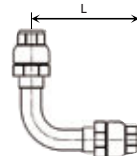
Size	L (mm)	W (mm)	Weight (g)
ø6.35	50.4	15.0	43.0
ø9.52	55.0	19.9	79.0
ø12.70	59.0	23.5	113.0
ø15.88	74.0	30.0	210.0
ø19.05	76.8	34.6	273.0
ø22.22	83.4	40.2	292.0
ø28.58	88.0	46.7	515.0
ø34.92	101.5	51.1	686.0
ø41.28	103.5	58.3	881.0

Asymmetry Joint



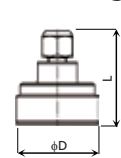
Size	L (mm)	W (mm)	Weight (g)
ø9.52-6.35	52.7	19.9	67.0
ø12.70-9.52	57.5	23.5	101.0
ø15.88-12.70	65.0	30.0	164.0
ø19.05-15.88	76.8	34.6	244.0
ø22.22-19.05	81.5	40.2	358.0
ø25.40-22.22	85.8	43.5	444.0
ø28.58-25.40	88.1	46.7	505.0
ø34.92-28.58	101.5	51.1	645.0

90° Bend Joint



Size	L (mm)	Weight (g)
ø22.22	120.0	655.7

Test Plug



Size	L (mm)	W (mm)	Weight (g)
ø6.35	43.0	15.0	53.0
ø9.52	44.0	20.0	67.6
ø12.70	46.0	23.0	73.4
ø15.88	50.0	30.0	96.6
ø19.05	52.0	34.0	111.7
ø22.22	54.0	40.0	135.6

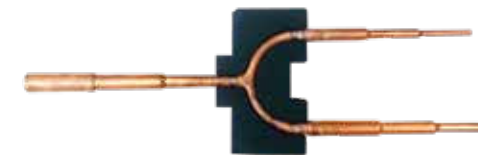
New Non-Brazed REFNET Joint

Direct connection to TIGHTFIT

This kit is designed as a refrigerant branch kit for connecting the main and branch pipes of VRV indoor units without brazing.

Lineup

Indoor unit total capacity index	Model name	
	2 pipes	3 pipes
X < 290	BHRG26A33T	BHRG25A33T
290 ≤ X < 640	BHRG26A72T	BHRG25A72T
640 ≤ X	BHRG26A73T	BHRG25A73T



※ Insulation included

Case 1: If the pipe of the REFNET joint has the same size as the field pipe, cut it at the same size and connect it to the field pipe with the standard type of Daikin Gas Tight Joint.

Case 2: If the pipe of the REFNET joint has not the same size as the field pipe, use the Asymmetry joint (Reducer).

HEADER PACK (Packaged Refnet Headers)

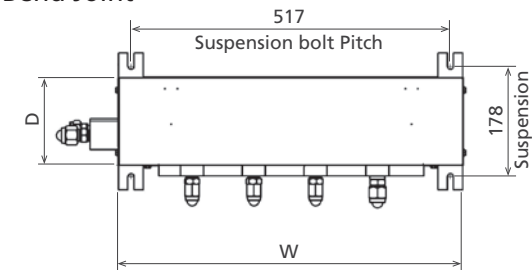
Simple & Quick Installation

HEADER PACK Lineup

Model name	Outdoor unit side		Indoor unit side (Flare)		Indoor unit total capacity index	Dimension (mm)		
	Liquid / Gas (mm)	Port	Port	Liquid / Gas (mm)		H	D	W
BHF6RHP6Z	9.5 / 15.9 (Flare)	4	Large x1 Small x3	φ9.5 / φ15.9 φ6.4 / φ12.7	≤ 150	135	143	559
BHF6ARHP6Z	9.5 / 15.9 (Flare)	6	Large x2 Small x4	φ9.5 / φ15.9 φ6.4 / φ12.7	≤ 150	135	143	623
BHF8RHP6Z	9.5 / 19.1 (Daikin Gas Tight Joint)	6	Large x3 Small x3	φ9.5 / φ15.9 φ6.4 / φ12.7	≤ 200	135	143	623
BHF10RHP6Z	9.5 / 22.2 (Daikin Gas Tight Joint)	6	Large x3 Small x3	φ9.5 / φ15.9 φ6.4 / φ12.7	< 290	135	143	623
BHF16RHP6Z	12.7 / 28.6 (Daikin Gas Tight Joint)	6	Large x3 Small x3	φ9.5 / φ15.9 φ6.4 / φ12.7	< 420	135	143	623



90° Bend Joint BHF6RHP6Z Test Plug



BHF6ARHP6Z, BHF8/10/16RHP6Z

