

- 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.



Dealer

PT. DAIKIN AIRCONDITIONING INDONESIA

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



Spesifikasi desain dan isi lainnya yang ada dalam brosur ini adalah terbitan Januari 2021, tetapi dapat berubah tanpa pemberitahuan

Dicetak di Indonesia

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Product Lineup



CAPACITY		HP	1	1.5	2	2.5	
	Btu/h		9,200	13,000	18,000/17,700*1	21,000	
	kW		2.7	3.8	5.3/5.2*1	6.2	
CEILING MOUNTED CASSETTE TYPE 〈Round Flow〉							
	Indoor unit		FCNQ13MV14	FCNQ18MV14	FCNQ21MV14		
	Outdoor unit		RNQ13MV14	RNQ18MV14	RNQ21MV14		
CEILING SUSPENDED TYPE							
	Indoor unit		FHNQ13MV14	FHNQ18MV14	FHNQ21MV14		
	Outdoor unit		RNQ13MV14	RNQ18MV14	RNQ21MV14		
DUCT CONNECTION	LOW STATIC PRESSURE TYPE						
		Indoor unit	FDBNQ09MV14	FDBNQ13MV14	FDBNQ18MV14	FDBNQ21MV14	
		Outdoor unit	RNQ09MV14	RNQ13MV14	RNQ18MV14	RNQ21MV14	
	MIDDLE STATIC PRESSURE TYPE						
		Indoor unit					
		Outdoor unit					

OUTDOOR UNIT					
Outdoor unit	RNQ09MV14	RNQ13MV14	RNQ18MV14	RNQ21MV14	

		3	3.5	4	5	6
	Btu/h	26,000	30,000	36,000*2	42,600/42,000*2,3	48,000
	kW	7.6	8.8	10.6/10.4*2	12.5/12.3*2,3	14.1
	Indoor unit	FCNQ26MV14	FCNQ30MV14	FCNQ36MV14	FCNQ42MV14	FCNQ48MV14
	Outdoor unit	RNQ26MV14	RNQ26MY14	RNQ30MY14	RNQ36MY14	RNQ42MY14
	Indoor unit	FHNQ26MV14	FHNQ30MV14	FHNQ36MV14	FHNQ42MV14	FHNQ48MV14
	Outdoor unit	RNQ26MV14	RNQ26MY14	RNQ30MY14	RNQ36MY14	RNQ42MY14
	Indoor unit	FDMNQ26MV14	FDMNQ30MV14	FDMNQ36MV14	FDMNQ42MV14	FDMNQ48MV14
	Outdoor unit	RNQ26MV14	RNQ26MY14	RNQ30MY14	RNQ36MY14	RNQ42MY14
Outdoor unit	RNQ26MV14	RNQ26MY14	RNQ30MY14	RNQ36MY14	RNQ42MY14	RNQ48MY14

Note : *1Applicable to FDBNQ series. *2Applicable to FHNQ series. *3Applicable to FDMNQ series.
Product of Daikin Industries Thailand (DIT)

Cassette air conditioner with 360° uniform airflow sets the standard



FCNQ50/60/71/100/125/140KA

Sound level
43/32dB(A)
High Low
FCNQ36M (220V)

Accessory required for indoor unit.

Wired LCD Remote Controller
BRC1C61
Note: Remote controller cable is not included and must be obtained locally.

Wireless LCD remote controller
A signal receiver must be added to the indoor unit.
BRC7F635F
Signal receiver unit (Installed type)
Wireless remote controller is supplied in a set with a signal receiver.

Comfortable & Convenience

Suitable for high ceilings

Even in spaces with high ceilings, a comfortable airflow is carried down to the floor level.

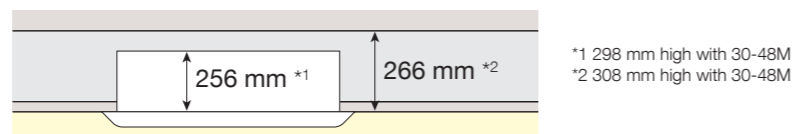
- Criteria for ceiling height and number of air discharge outlets
(Ceiling height is reference value)

Number Of Air Discharge outlets used		Ceiling Height		
		Standard	High Ceiling*1	High Ceiling*2
13-26M	All Round Flow	2.7 m	3.0 m	3.5 m
	4-way Flow	3.1 m	3.4 m	4.0 m
	3-Way Flow	3.0 m	3.3 m	3.5 m
	2-way Flow	3.5 m	3.8 m	-
30-48M	All Round Flow	3.2 m	3.6 m	4.2 m
	4-way Flow	3.4 m	3.9 m	4.5 m
	3-Way Flow	3.6 m	4.0 m	4.2 m
	2-way Flow	4.2 m	4.2 m	-

Note: Factory settings are for standard ceiling height and all-round flow. High ceiling settings (1) and (2) are set with the remote controller by field setting.

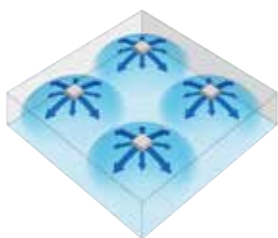
Quick and easy to install

- Just 256 mm high. Installable in tight ceiling spaces (13-26M)



Avoids uneven temperature and discomfort caused by drafts.

- 360° airflow
With uniform temperature distribution



Airflow distribution reates uniform comfort throughout the space

Greater comfort Improved energy saving

- Air movement is gentle with Round Flow
Enhanced Comfort



360° airflow can maintain comfort even if air discharge speed is lower.

If you raise the set temperature by 1 to 1.5°C, and velocity is decreased by 25%, you still obtain the same feeling temperature and comfort.

Optimal comfort and convenience assured by air discharge modes

Note: Air direction is set to the standard position when the unit is shipped from the factory. The position can be changed from the remote controller.

Air direction	Standard setting	Setting to prevent soiling of ceiling*
Desired situation	Standard position to prevent draft.	Recommended for shops with light coloured ceilings that must be kept spotless.
Auto-swing	Auto-swing between 15° and 60°	Auto-swing between 25° and 60°
5-levels air direction setting	Settable to 5 different levels between 15° and 60°	Settable to 5 different levels between 25° and 60°
Auto air direction control	The air direction is set automatically to the memorised position of the previous air direction.	

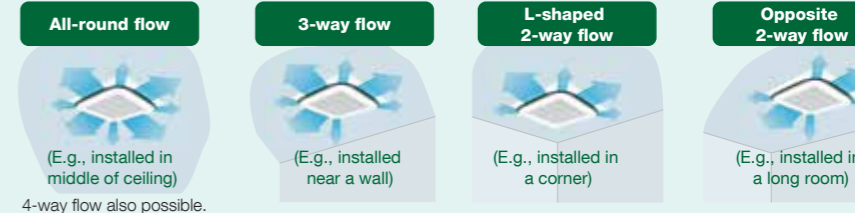
*Closing of the corner discharge outlets is recommended.

Selectable Airflow Pattern

Because air flows out from corner outlets, comfort spreads more widely.

Typical flow patterns

There are a total of 23 flow patterns.



Note: Whatever the discharge direction, the same type of panel is used. If installing for other than all-round flow, an air discharge outlet sealing material (option) must be used to close each unused outlet. Operation sound increases when using 2-way or 3-way flow.

SPECIFICATION

		13	18	21	26	30	36	42	48	
Model Name	Indoor unit	FCNQ13MV1	FCNQ18MV1	FCNQ21MV1	FCNQ26MV1	FCNQ30MV1	FCNQ36MV1	FCNQ42MV1	FCNQ48MV1	
	Outdoor unit	V1 RNQ13MV1	V1 RNQ18MV1	V1 RNQ21MV1	V1 RNQ26MV1	V1 RNQ30MV1	V1 RNQ36MV1	V1 RNQ42MV1	V1 RNQ48MV1	
Power supply	Outdoor unit	1 Phase, 220-240 V, 50 Hz				3 Phase, 380-415 V, 50 Hz				
Cooling capacity ^{1,2}	kW	3.8	5.3	6.2	7.6	8.8	10.6	12.5	14.1	
	Btu/h	13,000	18,000	21,000	26,000	30,000	36,000	42,600	48,000	
Power consumption	Cooling ¹	kW	1.24	1.89	2.21	2.53	2.73	3.31	4.15	
	W/W	3.07	2.80	2.80	3.00	3.22	3.20	3.01	2.80	
Indoor unit	Airflow rate (H/L)	m ³ /min	13/10		21/13.5		32/20		33/22.5	
		cfm	459/353		741/477		1,130/706		1,165/794	
	Sound level (H/L) ³	dB(A)	31/28		35/28		43/32		44/34	
	Dimensions (HxWxD)	Unit	256x840x840			298x840x840				
		Decoration panel	50x950x950							
	Machine weight	Unit	19.5			21			24	
		Decoration panel	5.5							
Certified Operation range	°CWB	14 to 23			14 to 25					
Outdoor unit	Compressor	Type	Hermetically sealed rotary type						Hermetically sealed scroll type	
		Motor output	kW	0.9	1.4	1.8	2.2	2.7	3.75	4.5
	Refrigerant charge (R-410A)	kg	1.2	1.4	1.5	2.0	1.9	3.2	2.7	3.2
			(Charged for 10 m)	(Charged for 10 m)	(Charged for 10 m)	(Charged for 10 m)	(Charged for 15 m)	(Charged for 15 m)	(Charged for 15 m)	(Charged for 15 m)
	Sound level ³	dB(A)	49	51	52	54	55	54	56	58
Dimensions (HxWxD)	mm	550x765x285	595x845x300			735x825x300			990x940x320	
Machine weight	V1	kg	36	40	49	56	77	103		
	Y1	kg				56	74	103	111	
Piping connections	Liquid (Flare)	mm	φ6.4			φ9.5				
		mm	φ12.7			φ15.9				
	Gas (Flare)	mm	φ18.0 (Hole)						φ26.0 (Hole)	
		mm	VP25 (I.D φ 25xO.D φ 32)							
Max. interunit piping length	m	30			30 (Equivalent length 50)			50 (Equivalent length 70)		
Max. installation level difference	m	10	15			20			30	

OPTION

Name of option	Remark	Kit name							
		FCNQ13MV1	FCNQ18MV1	FCNQ21MV1	FCNQ26MV1	FCNQ30MV1	FCNQ36MV1	FCNQ42MV1	FCNQ48MV1
Decoration panel		BYCP125K-W1							
Sealing material of air discharge outlet		KDBH55K160F							
Panel spacer		KDBP55H160FA							
Fresh air intake kit	Chamber type	Without T-joint pipe and fan							
	Direct installation type	With T-joint pipe, without fan							
Chamber connection kit ¹		KDDP55X160							
Insulation kit for high humidity		KDT55K80				KDT55K160			
High-efficiency filter (including chamber)	(Colorimetric method 65%)	KAFP556B80				KAFP556B160			
	(Colorimetric method 90%)	KAFP557B80				KAFP557B160			
Replacement high-efficiency filter	(Colorimetric method 65%)	KAFP552B80				KAFP552B160			
	(Colorimetric method 90%)	KAFP553B80				KAFP553B160			
Filter chamber		KDDFP55B160							
Replacement long-life filter		KAFP551K160							
Ultra long-life filter		KAFP55B160							
Replacement ultra long-life filter		KAFP55H160H							
Branch duct chamber		KDJ55B80				KDJ55B160			
Remote controller	Wireless type	BRC7F633F							
	Wired type ²	BRC1C61							
Navigation Remote Controller		BRC1E62							
Central remote controller ³		DCS302CA61							
Unified ON/OFF controller ³		DCS301BA61							
Schedule timer ³		DST301BA61							
Intelligent Touch Controller ³		DCS601C51							
Adaptor for wiring ⁴		KRP1C63							
Wiring adaptor for electrical appendices ⁴		KRP4AA53							
Installation box for adaptor PCB		KRP1H98							
Remote sensor		KRCS01-4B							

Note: ¹Required for installing high-efficiency filter or ultra long-life filter.

²Wiring for wired remote controller to be procured locally.

³The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.

⁴Installation box for adaptor PCB (KRP1H98) is necessary.

Upgrade to a quiet and compact system.



FHNQ13/18/21MV1

Sound level
44/40 dB(A)
 High Low
 FHNQ21M
 (220V)

Option

Accessory required for indoor unit.

Wired LCD remote controller



BRC1NU61

Note: Remote controller cable not included. Cables must be procured locally.

Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



BRC7NU66

Signal receiver unit (Installed type)
 Wireless remote controller and signal receiver unit are sold as a set.

Installation flexibility for freedom of design

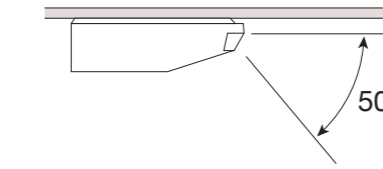
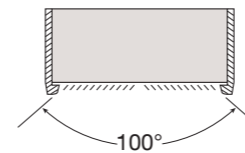
- Uniform height and depth. Compact design for small-capacity models to meet tighter dimensional constraints.

Indoor unit	13M	18/21M
Height	195	
Width	960	1,160
Depth	680	

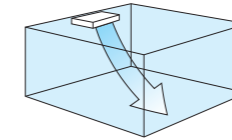
(mm)

Diffuses comfortable air throughout the room

- Auto-swing (up&down) brings comfort to the room.
- Wide air discharge openings produce a spreading 100° airflow
- Air is blown up to 50° in the downward direction.

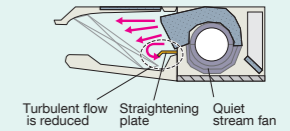


- Installable on ceilings 3.5 m high



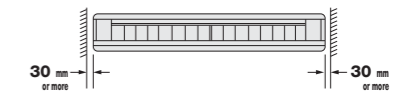
Quiet operation

Uses quiet stream fan and other quiet technologies.



Installation flexibility for freedom of design

The unit fits more snugly into tight spaces.



*Water used in the test-run can now be drained from the air discharge opening rather than from the side as was formerly the case.

SPECIFICATION

		13	18	21	26	30	36	42	48	
Model Name	Indoor unit	FHNQ13MV14	FHNQ18MV14	FHNQ21MV14	FHNQ26MV14	FHNQ30MV14	FHNQ36MV14	FHNQ42MV14	FHNQ48MV14	
	Outdoor unit	V14 Y14	RNQ13MV14	RNQ18MV14	RNQ21MV14	RNQ26MV14 RNQ26MY14	RNQ30MY14	RNQ36MY14	RNQ42MY14	RNQ48MY14
Power supply	Outdoor unit	V14 Y14	1 Phase, 220-240 V, 50 Hz			3 Phase, 380-415 V, 50 Hz				
	Indoor unit									
Cooling capacity ^{1,2}	kW	3.8	5.3	6.2	7.6	8.8	10.4	12.3	14.1	
	Btu/h	13,000	18,000	21,000	26,000	30,000	35,000	42,000	48,000	
Power consumption	Cooling ¹	kW	1.58	2.04	2.38	2.65	3.07	3.64	4.51	
	COP	W/W	2.40	2.60	2.60	2.87		2.86	2.73	2.56
Indoor unit	Colour	White								
	Airflow rate (H/L)	m ³ /min	16/-	22-23/19-20	26-27/22-23	38-40/23-25		42-44/24-26		
		cfm	565/-	777-812/671-706	918-953/777-812	1,341-1,412/812-883		1,483-1,553/847-918		
	Sound level (H/L) (220 V) ³	dB(A)	43/39	44/40	45/40	48/42		49/43		
	Dimensions (HxWxD)	mm	195x960x680	195x1,160x680		195x1,400x680		195x1,590x680		
	Machine weight	kg	24	26		32		35		
Outdoor unit	Colour	Ivory white								
	Compressor	Type	Hermetically sealed rotary type				Hermetically sealed scroll type			
		Motor output	kW	0.9	1.4	1.8	2.2	2.7	3.75	4.5
	Refrigerant charge (R-410A)	kg	1.2 (Charged for 10 m)	1.4 (Charged for 10 m)	1.5 (Charged for 10 m)	2.0 (Charged for 10 m)	1.9 (Charged for 15 m)	3.2 (Charged for 15 m)	2.7 (Charged for 15 m)	3.2 (Charged for 15 m)
	Sound level ³	dB(A)	49	51	52	54	55	54	56	58
	Dimensions (HxWxD)	mm	550x765x285	595x845x300		735x825x300		990x940x320		1,345x900x320
Machine weight	V14	kg	36	40	49	56	—	—	—	
	Y14	kg	—	—	—	56	74	103	107	
Certified operation range	°CWB	14 to 23				14 to 25				
	°CDB	19.4 to 46				21 to 46				
Piping connections	Liquid (Flare)	mm	φ6.4		φ9.5					
	Gas (Flare)	mm	φ12.7		φ15.9					
	Drain	mm	VP20 (I.D φ20xO.D φ26)						φ26.0 (Hole)	
Max. interunit piping length	Indoor unit	mm	φ18.0 (Hole)				φ26.0 (Hole)			
	Outdoor unit	mm	30				30 (Equivalent length 50)		50 (Equivalent length 70)	
Max. installation level difference	m	10	15		20		30			
Heat insulation	Both liquid and gas piping									

Note:
¹Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).
²Capacities are net, including a deduction for cooling for indoor fan motor heat.
³Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
⁴In case of MV1: 220V, MY1: 380V.

CEILING SUSPENDED TYPE

Name of option	Remark	Kit name		
		FHNQ13MV1	FHNQ18MV1	FHNQ21MV1
Replacement long-life filter	Resin net	KAF501DA56	KAF501DA80	
L-type piping kit (for upward direction)		KHFJ5F50		KHFJ5F60
Remote controller	Wireless type	BRC7NU66		
	Wired type ¹	BRC1NU61		

Note: ¹Wiring for wired remote controller to be procured locally.

- Ideal for quiet, beautiful living spaces
- Suitable for condominiums and apartments, houses and hotels



FDBNQ09/13/18/21/26MV1

Sound level
43/40 dB(A)
High Low
FDBNQ26M
(220V)

Accessory required for indoor unit

Wired LCD Remote Controller



BRC1C61

Note: Remote controller cable is not included and must be obtained locally.

Navigation Remote Controller

(Wired Remote Controller)



BRC1E62

Note: Remote controller cable is not included and must be obtained locally.

Wireless LCD remote controller

A signal receiver must be added to the indoor unit.

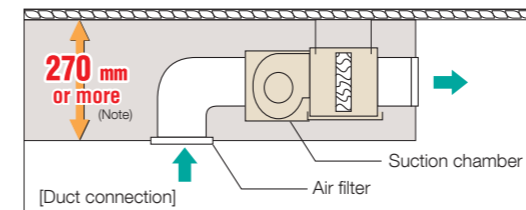


BRC4C64

Signal receiver unit (Installed type)
Wireless remote controller and signal receiver unit are sold as a set.

Compact

- Small, lightweight, and easy-to-install indoor unit.



Note: 270 mm is the minimum size. Extra height is necessary for drain piping slope and insulation.

* To prevent increased operation sound, avoid installing the air suction grille directly below the suction chamber.

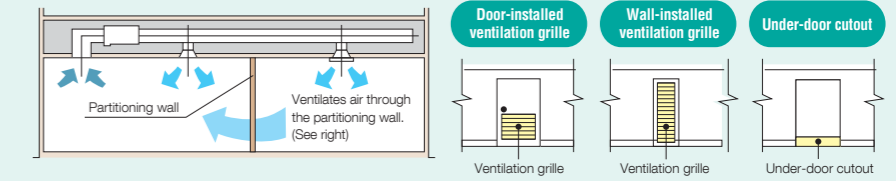
Quiet operation

Indoor unit	(220V) dB(A)	
	High	Low
09/13/18M	41	38
21/26M	43	40

Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

(This feature also applies to duct connection middle static pressure type.)

When air conditioning two rooms simultaneously, the air discharged into each room must be circulated back to the air conditioner. To achieve this, a ventilation duct should be installed for each room or one of the indicated ventilation grilles should be installed on the partitioning wall or under the door between the rooms.



Note: The under-door cutout method should be used only when there is a small volume of airflow.

DUCT CONNECTION LOW STATIC PRESSURE TYPE

Model Name	Indoor unit		09	13	18	21	26	
	Outdoor unit		FDBNQ09MV1	FDBNQ13MV1	FDBNQ18MV1	FDBNQ21MV1	FDBNQ26MV1	
Power supply	Outdoor unit		Y1	Y1	Y1	Y1	Y1	
			Y1	Y1	Y1	Y1	Y1	
			1 Phase, 220-240 V, 50 Hz					3 Phase, 380-415 V, 50 Hz
Cooling capacity ^{1,2}	kW		2.7	3.8	5.2	6.2	7.6	
	Btu/h		9,200	13,000	17,700	21,000	26,000	
Power consumption	Cooling ¹ kW		0.86	1.28	2.06	2.38	2.62	
COP	W/W		3.14	2.97	2.52	2.60	2.90	
Indoor unit	Colour		Ivory white					
	Fan	Airflow rate (H/L) ³	m ³ /min		13/11		18/15	
			cfm		459/388		635/530	
	Rated external static pressure ³		mmH ₂ O					2.0
	Sound level (H/L) (220 V) ⁴		dB(A)					41/38
	Dimensions (H×W×D)		mm					260×900×580
Machine weight		kg					25	
Certified Operation range		°CWB					14 to 23	
Outdoor unit	Colour		Ivory white					
	Compressor	Type	Hermetically sealed rotary type					
		Motor output	kW	0.65	0.9	1.4	1.8	2.2
	Refrigerant charge (R-410A)	kg	0.9	1.2	1.4	1.5	2.0	
					(Charged for 10 m)		(Charged for 10 m)	
	Sound level ^{4,5}		dB(A)					48
	Dimensions (H×W×D)		mm					550×765×285
Machine weight		V1		Y1		kg	35	
Certified Operation range		°CDB					19.4 to 46	
Piping connections	Liquid (Flare)		mm					φ 6.4
	Gas (Flare)		mm					φ 9.5
	Drain	Indoor unit	mm					3/4B (I.D.φ 21.6×O.D.φ 27.2)
		Outdoor unit	mm					φ 18.0 (Hole)
Max. interunit piping length		m					30	
							(Equivalent length 50 m)	
Max. installation level difference		m					10	
Heat insulation							Both liquid and gas piping	

DUCT CONNECTION LOW STATIC PRESSURE TYPE

Name of option	Remark	Kit name				
		FDBNQ09MV1	FDBNQ13MV1	FDBNQ18MV1	FDBNQ21MV1	FDBNQ26MV1
Remote controller	Wireless type	BRC4C64				
	Wired type ¹	BRC1C61				
Navigation Remote Controller	Wired type ¹	BRC1E62				

Note: ¹Wiring for wired remote controller to be procured locally.

■ Unit can be mounted in the ceiling and air can be delivered freely by duct.



FDMNQ26/30/36/42/48MV1



Sound level
45/37 dB(A)
High Low
FDMNQ36M
(220V)

Accessory required for indoor unit

Wired LCD Remote Controller



BRC1C61

Note: Remote controller cable is not included and must be obtained locally.

Navigation Remote Controller

(Wired Remote Controller)



BRC1E62

Note: Remote controller cable is not included and must be obtained locally.

Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



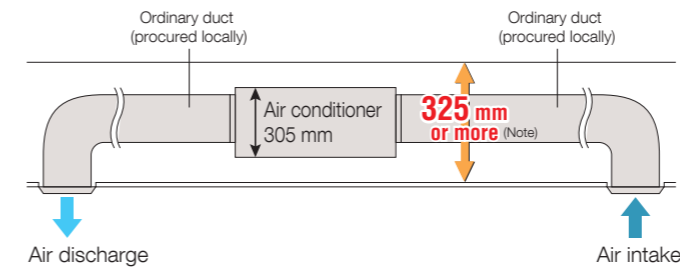
BRC4C64

Signal receiver unit (Installed type)

Wireless remote controller and signal receiver unit are sold as a set.

Freedom of layout

- The duct system allows the efficient location of discharge outlets in accordance with the room layout
- Duct connection is simpler with standard rear intake chambers



Note: 325 mm is the minimum size. Extra height is necessary for drain piping slope and insulation.

Quiet operation

Indoor unit	(220V) dB(A)	
	High	Low
26M	42	38
30M	44	36
36M	45	37
42/48M	46	37

- Switchable fan speed: High/Low
- Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.

SPECIFICATION

		26	30	36	42	48	
Model Name	Indoor unit	FDMNQ26MV1	FDMNQ30MV1	FDMNQ36MV1	FDMNQ42MV1	FDMNQ48MV1	
	Outdoor unit	RNQ26MY1	RNQ30MY1	RNQ36MY1	RNQ42MY1	RNQ48MY1	
Power supply	Outdoor unit	V1	1 Phase, 220-240 V, 50 Hz				
		Y1	3 Phase, 380-415 V, 50 Hz				
		Y1					
Cooling capacity ^{1,2}	kW	7.6	8.8	10.6	12.3	14.1	
	Btu/h	26,000	30,000	36,000	42,000	48,000	
Power consumption	Cooling ¹	kW	2.62	3.03	3.53	4.49	5.56
COP		W/W	2.90	2.90	3.00	2.74	2.54
Indoor unit	Colour		Ivory white				
	Fan	Airflow rate (H) ³	m ³ /min	23	37	42	
			cfm	812	1,306	1,483	
		Rated external static pressure ³	mmH ₂ O	8.5	10.1	9.8	8.0
		Sound level (H/L) (220 V) ⁴	dB(A)	42/38	44/36	45/37	46/37
		Dimensions (H×W×D)	mm	305×1,350×680			305×1,550×680
		Machine weight	kg	43	52		52
Outdoor unit	Certified Operation range		°CWB				
			14 to 25				
	Colour		Ivory white				
	Compressor	Type	Hermetically sealed rotary type				
		Motor output	kW	2.2	2.7	3.75	4.5
	Refrigerant charge (R-410A)	kg	2.0 (Charged for 10 m)	1.9 (Charged for 15 m)	3.2 (Charged for 15 m)	2.7 (Charged for 15 m)	3.2 (Charged for 15 m)
	Sound level ^{4,5}	dB(A)	54	55	54	56	58
Dimensions (H×W×D)	mm	735×825×300	990×940×320	1,345×900×320			
Machine weight	V1	kg	56	77	103	107	
	Y1	kg	56	74	103	111	
Piping connections	Certified Operation range		°CDB				
			21 to 46				
	Liquid (Flare)	mm	ø 9.5				
	Gas (Flare)	mm	ø 15.9				
Drain	Indoor unit	mm	3/4B (I.D.ø 21.6×O.D.ø 27.2)				
	Outdoor unit	mm	ø 18.0 (Hole)	ø 26.0 (Hole)			
Max. interunit piping length	m	30	50				
		(Equivalent length 50 m)	(Equivalent length 70 m)				
Max. installation level difference	m	20	30				
Heat insulation			Both liquid and gas piping				

Note:
¹Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).
²Capacities are net, including a deduction for cooling for indoor fan motor heat.
³Please see fan characteristic document in detail.
⁴Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
⁵In case of MV1: 220V, MY1: 380V.

DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

Name of option	Remark	Kit name				
		FDMNQ26MV1	FDMNQ30MV1	FDMNQ36MV1	FDMNQ42MV1	FDMNQ48MV1
Remote controller	Wireless type	BRC4C64				
	Wired type ¹	BRC1C61				
Navigation Remote Controller	Wired type ¹	BRC1E62				

Note: ¹Wiring for wired remote controller to be procured locally.



RNQ09MV1
RNQ13MV1

RNQ18MV1
RNQ21MV1

RNQ26MV1
RNQ26MY1

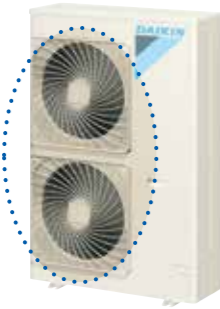
RNQ30MV1
RNQ30MY1

RNQ36MV1
RNQ36MY1
RNQ42MY1
RNQ48MY1

Quiet Operation

Fitted with Super Aero Grille
(Applies to RNQ30-48M)

To suppress turbulence and achieve quiet operation, the curved ribs of the grille are optimised to meet the outflow of air.



Equipped with scroll compressor for quiet operation
(Applies to RNQ42-48M)

Smooth running, minimal vibration, low operating sound.



Installation and maintenance

Pre charged for up to 15 metres (Applies to RNQ30-48M)

If refrigerant piping length does not exceed 10m (RNQ09-26M), 15m (RNQ30-48M), there is no need for on-site gas charging.

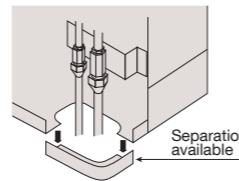
Allowed refrigerant piping length and level difference

	RNQ09/13M	RNQ18/21M	RNQ26M	RNQ30-48M
Pre charged ¹	10 m			
Max. length	30 m		30 m (Equivalent length 50m)	50 m (Equivalent length 70m)
Max. level difference	10 m	15 m	20 m	30 m

Note:
¹Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

4-direction piping offers greater layout freedom (Applies to RNQ30-48M)

The outer panel for the piping connection part of the front, right side and backside can be removed and is easier for post-installation piping work.

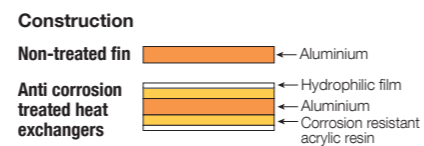


Durability

As the bottom frame is subject to corrosion, corrosion-proof galvarium steel plate is adopted to enhance the durability.

Heat exchange fins provided with anti-corrosion treatment (Applies to RNQ09-26, 36-48M)

To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, Anti corrosion treated heat exchangers (with special acrylic pretreatment) are used for the heat exchanger of the outdoor unit.



Operation sound

(In case of RNQ09-21M:220-240 V, RNQ26-36M:220 V/380 V, 240 V/415 V, RNQ42-48M:380 V, 415 V) dB(A)

Outdoor unit	Sound level
RNQ09MV1	48
RNQ13MV1	49
RNQ18MV1	51
RNQ21MV1	52
RNQ26MV1/RNQ26MY1	54
RNQ30MV1/RNQ30MY1	55
RNQ36MV1/RNQ36MY1	54
RNQ42MY1	56
RNQ48MY1	58

Simple system provides a diverse assortment of control modes.

	Control pattern	Applicable model	Wired remote controller	Wireless remote controller
Control by 1 remote controller	(Basic system)	FCNQ	 ● Non-polar, double-core (max. wiring length 500 m)	 ● Signal receiver unit installed on indoor unit
Control by 2 remote controllers	For control from 2 locations such as in room and control room, exits, etc.	FDBNQ FDMNQ	 ● Connects 2 wired remote controllers (See note 1)	 ● Control by 1 wireless remote controller and 1 wired remote controller (See note 2, 3) ● Signal receiver unit installed on indoor unit
Group control	For simultaneous control of up to 16 indoor units.	FDMNQ	 ● Automatic address setting function	 ● Automatic address setting function ● Signal receiver unit installed on 1 indoor unit
Control by external command	Operation and surveillance is carried out using the contact signal from the operation control box in the building surveillance (security) room.		 ● Optional wiring adaptor for electrical appendices is necessary	 ● Optional wiring adaptor for electrical appendices is necessary
Centralised remote control	Centralised control of up to 64 indoor groups from remote location up to 1 kilometer away.	FCNQ only	 Central remote controller (option)	 Central remote controller (option)
Interlock control with Heat Reclaim Ventilator	Link by remote controller group control.		 Heat Reclaim Ventilator ● Can be operated simultaneously or independently by remote controller (set by ventilation mode)	 Heat Reclaim Ventilator ● Can be operated simultaneously by remote controller (set by ventilation mode)
	Zone link control by centralised		 Central remote controller (option) Heat Reclaim Ventilator ● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking Can also be operated independently by remote controller.	 Central remote controller (option) Heat Reclaim Ventilator ● Heat Reclaim Ventilator for indoor units within a zone are operated by interlocking

Note: ¹BRC1E62 can connect to BRC1E62 only.
²It is not possible to use two wireless remote controllers.
³BRC1E62 cannot connect to wireless remote controller.

Easily adaptable to large-scale, high-function, centralised remote control system.

FCNQ series only



Central remote controller

DCS302CA61 (Option)



Centralised control, with setting as simple as it is with a standard remote controller, of up to 64 groups (1,024 indoor units) is possible.

Unified on/off controller

DCS301BA61 (Option)



Centralised control of on/off by group or all at once for up to 256 indoor units.

Schedule timer

DST301BA61 (Option)



Unified control of weekly schedule for up to 1,024 indoor units. Schedule timer sets on/off time in 1 minute units to be executed twice a day for a week at a time.

Intelligent Manager DCM601A51 (Option)



With its high functionality, the full colour "all-in-one" graphic controller facilitates management of SkyAir System in a variety of ways.

Easy-to-read LCD remote controller allows various system control configurations and can control multiple indoor units.

Remote controller options are shown on the page introducing each indoor unit model.

Navigation Remote Controller (Wired Remote Controller BRC1E62)

NEW

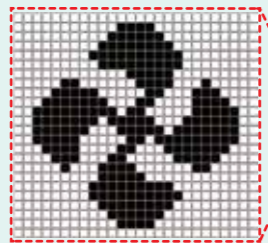


This simple, modern designed remote controller with fresh white colour matches your interior design. Operation is much easier and smoother, just follow the indications on the navigation remote controller.

Clear Display

Dot matrix display

A combination of fine dots enables various icons. Large text display is easy to see.



Backlight display

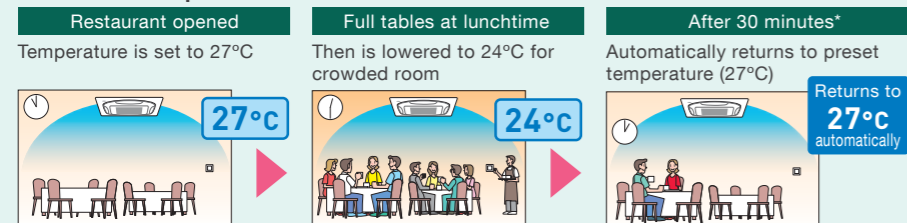


Energy saving

NEW Setpoint auto reset

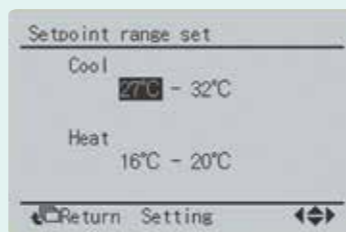
- Even if the set temperature is changed, it returns to the preset temperature after a preset period of time.
- Period selectable from 30min/60min/90min/120min.

Restaurant sample



NEW Setpoint range set

- Saves energy by limiting the min. and max. set temperature.
- Avoids excessive heating or cooling.
- This function is convenient when the remote controller is installed at a place where any number of people may operate it.



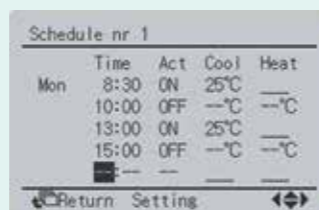
Off timer (programmed)

- Sets and saves setting for an increment of time that automatically turns off air conditioner after a preset period of time for each time operation starts.
- Period can be preset from 30 to 180 minutes in 10-minute increments.

Convenience

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.
- NEW** - 3 independent schedules can be set. (e.g. summer, winter, mid-season)



Multilingual display

Display is available in 11 languages. (English, German, French, Spanish, Italian, Portuguese, Greek, Dutch, Russian, Turkish, and Polish).

Wired LCD remote controller

Easy to read because of large LCD screen.



- The rubber switch and the oil-resistant plastic casing are adopted for durability.
- Only 17 mm thick. Can be installed either recessed or exposed.

Wired remote controller has built-in temperature-sensor

(Applies to wired remote controllers (BRC1C61/1E62))

- Enables temperature sensing closer to target area for improved comfort. (When using remote control from another room, temperature-sensor in indoor unit's air inlet must be selected.)

Facilitates maintenance and repair

- All initial settings can be set from the remote controller. After interior construction is complete, ceiling mounted cassette type can be remotely set without having to use stepladder access for manual setting.

Setting contents: High ceiling use, air direction, filter type, address for centralised control (group control address is set automatically).

- Remote controller is equipped with model name and failure display functions. This facilitates service in the unlikely event of a malfunction.

(Applies to wired remote controller (BRC1E62))

Ceiling mounted cassette type shares common control with Heat Reclaim Ventilator and the other Daikin air-conditioning units, thus simplifying interlocking operations.

- Easily adaptable to large-scale, high-function, centralised remote control systems. Installing and connecting control wiring between SkyAir and other Daikin air-conditioning equipment is easy.

LCD wireless remote controller



- The wireless remote controller is supplied in a set with a signal receiver.
- Signal receiver unit 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 the ceiling mounted cassette type.

Wireless remote controller for each indoor unit type



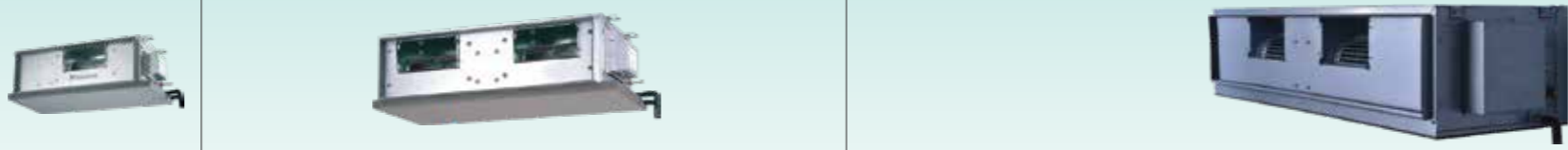

CEILING MOUNTED CASSETTE TYPE	BRC7F633F
CEILING SUSPENDED TYPE	BRC7NU66
DUCT CONNECTION LOW STATIC PRESSURE TYPE	BRC4C64
DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE	BRC4C64

LCD panel shows operating status in letters, numbers, and motion.

Airflow / swing display	Displays auto-swing operating status and setting position of air discharge angle.
Preset temperature / operation mode display	Displays preset room temperature and operating status (fan, dry, cool).
Programming time display	Operation start and stop time can be set for individual timers up to 72 hours. The LCD also shows when it is time to clean the filter, when changeover is under centralised control, and ventilation/cleaning.
Self-diagnosis function	Monitors operating status within the system covering 40 items, and displays a message to indicate as soon as a malfunction occurs.

Product Lineup



Class / HP	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0		
Ceiling Cassette Type										
Capacity			18,500	23,000	28,000	28,000	36,000	42,000		
Kw			5.42	6.74	8.21	8.21	10.55	12.31		
Indoor unit			FCRN50FXV14	FCRN60FXV14	FCRN71FXV14	FCRN71FXV14	FCRN100FXV14	FCRN125FXV14		
Floor Standing Type										
Capacity					29,000	28,000	36,000	42,000	55,000	
Kw					8.49	8.21	10.55	12.31	16.12	
Indoor unit					FVRN71BXV14	FVRN71BXV14	FVRN100BXV14	FVRN125BXV14	FVRN140BXV14	
Floor Standing Type										
Capacity	NEW!	NEW!	NEW!	NEW!	NEW!	NEW!	NEW!	NEW!		
Capacity	9,000	12,000	17,400	20,800	28,000	28,000	36,000	42,000	47,000	
Kw	2.64	3.52	5.10	6.10	8.21	8.21	10.55	12.31	13.77	
Indoor unit	FDBRN25AXV14	FDBRN35AXV14	FDBRN50AXV14	FDBRN60AXV14	FDMRN71AXV14	FDMRN71AXV14	FDMRN100AXV14	FDMRN125AXV14	FDMRN140AXV14	
Outdoor Unit										
	NEW!	NEW!						NEW!		
	RN25AXV14	RN35AXV14	RN50CXV1A4	RN60CXV1A4	RR71CXV1A4	RR71CXY1A4	RR100DXY1A4	RR125DXY1A4	RR140EXY1B4	RR140DXY1A4

4 Way airflow ceiling cassette



FCRN50/60/71/100/125FXV14

Wired LCD Remote Controller
* Optional

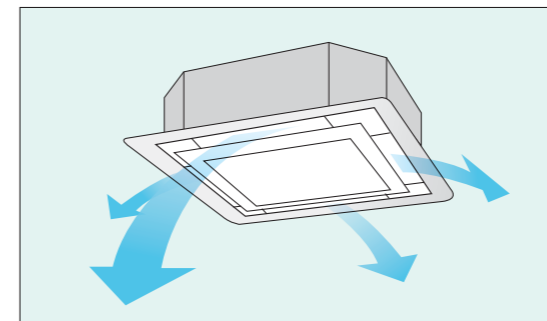
BRC51A62
Note: Remote controller cable is not included and must be obtained locally.

Wireless Controller:
A signal receiver must be added to the indoor unit.

BRC52A62
Signal receiver unit (Installed type)
Wireless remote controller and signal receiver unit are sold as a set.

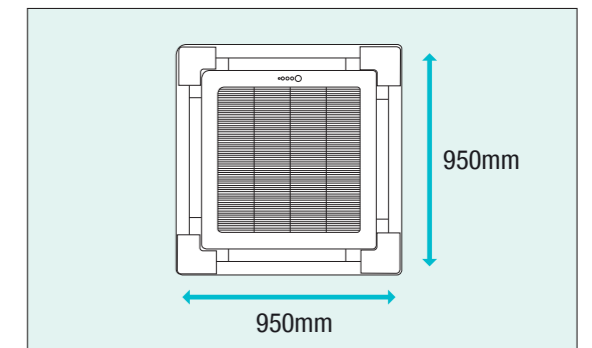
4-way air flow

This unit promotes even air distribution covering every corner of the room by combining 4-ways air discharge and large discharge area.



Fine square panels

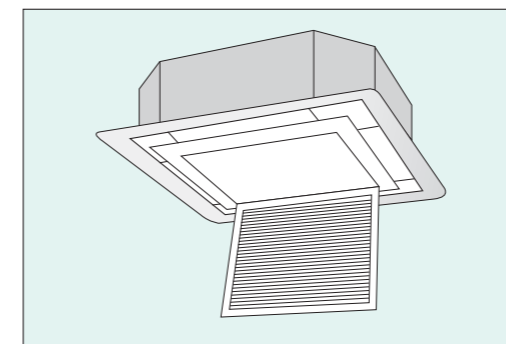
Panel size is same for all models. It is easy to maintain a neat appearance when multiple units are installed.



Easy Installation & Maintenance

Panel-hook mechanism

This feature enables the installer to work with both hands as the panel can be hung on the unit.



Simple step to change fan motor

- Without removing panel, it can be easily access and service to fan motor
- Reduced troubleshooting and servicing time
- Three simple steps:



Control box → Fan cover → Blower fan → Fan motor

Self-diagnosis function

This intelligent feature helps to detect faults or malfunctioning in the system and give user a warning by blinking of the LED light or display error code on wired controller.

Comfortable

Optimal comfort and convenience assured by air discharge modes

To increase the comfort level of the air conditioned area, the system is built-in with 3 different types of air flow pattern to suit different requirements.

1 Air direction in standard setting For gentle drafts.

2 Air direction in draft prevention setting. Select this setting to eliminate direct drafts which can lead to discomfort.

3 Air direction in ceiling soiling prevention setting. Recommended for location with light colour ceiling that must be kept spotless.

The default setting for air swing pattern is 1. The air swing pattern can be selected through the wireless remote control.

SPECIFICATION

		2.0	2.5	3.0	3.0	4.0	5.0		
Model	Indoor unit	FCRN50FXV14	FCRN60FXV14	FCRN71FXV14	FCRN71FXV14	FCRN100FXV14	FCRN125FXV14		
	Outdoor unit	RN50CXV1A4	RN60CXV1A4	RR71CXV1A4	RR71CXV1A4	RR100DXV1A4	RR125DXV1A4		
	Decoration panel	BC50F2XW4							
Nominal cooling capacity	Btu/hr	18,500	23,000	28,000	28,000	36,000	42,000		
	kW	5.4	6.8	8.2	8.2	10.6	12.3		
Nominal total input power	W	1,760	2,050	2,930	2,900	3,660	4,110		
Nominal COP	W/W	3.08	3.29	2.80	2.83	2.88	3.00		
Power supply	V/Ph/Hz	220-240/1/50 (power from outdoor)			380-415/3/50 (power from outdoor)				
Indoor unit	Airflow (H/M/L/Q)	cfm	730/620/510/360	840/700/560/440	890/760/620/490	890/760/620/491	1030/870/730/580	1120/1030/890/760	
	Sound pressure level (H/M/L/Q)	dB(A)	38/35/33/29	39/37/34/31	41/38/35/32	41/38/35/33	46/41/37/34	48/45/41/37	
	Dimensions (HxWxD)	Unit	mm	246x840x840	246x840x840	246x840x840	246x840x841	288x840x840	288x840x840
		with decoration panel	mm	301x950x950	301x950x950	301x950x950	301x950x951	343x950x950	343x950x950
Machine weight	Unit	kg	22	22	22	22	25	25	
	decoration panel	kg	5	5	5	5	5	5	
Outdoor unit	Sound pressure level	dB(A)	52	52	56	56	58	60	
	Dimensions (HxWxD)	mm	651x855x328	651x855x328	753x855x328	753x855x329	852x1030x400	852x1030x400	
	Machine weight	kg	43	47	57	56	71	95	
	Piping connections	Liquid (Flare)	mm	6.35	6.35	9.52	9.52	9.52	9.52
		Gas (Flare)	mm	12.70	15.88	15.88	15.88	15.88	15.88
	Max. interunit piping length	m	30	30	45	45	50	50	
Max. installation level difference	m	15	15	25	25	30	30		

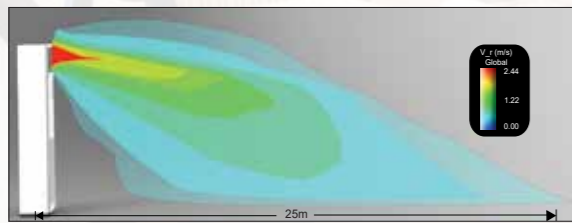
1. Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length: 7.5m

Airflow control for more comfort



Far air flow

The Daikin floor standing is able to achieve air flow distance as far as 25m* which is about the size of a basketball court.



* Note: Based on size 140



FVRN71/100/125/140BXV14

Wired LCD Remote Controller

* Optional



BRC51A62

Note: Remote controller cable is not included and must be obtained locally.

Wireless Controller:

A signal receiver must be added to the indoor unit.



BRC52A62

Signal receiver unit (Installed type)
Wireless remote controller and signal receiver unit are sold as a set.

Comfortable

Auto-swing mode

This unit uses its automatic horizontal swing louver to spread comfortable air flow to cool every corner of the room. Its vertical louvers are adjusted manually to match different interior spaces and partition as well as to avoid direct airflow.



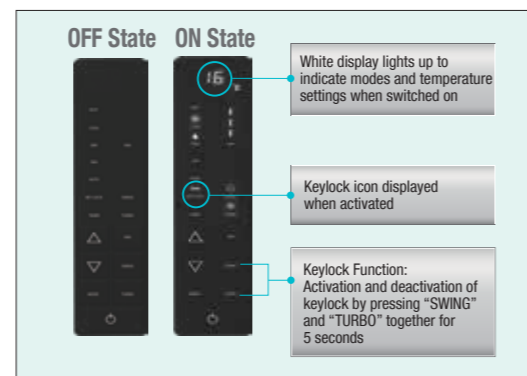
Auto horizontal swing



Manual setting of vertical airflow louvers

User-friendly controls

The unit comes with a stylish black control panel with white LED light for clear display. It comes with a keylock function to prevent setting change from unauthorised personnel.



Two selectable temperature sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature must be set during commissioning by the technicians.

Note : Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.
Wireless remote controller does not have a temperature-sensor.

Powerful operation

New powerful operation boosts airflow to maximum volume for a 20-minute period **with highest fan speed**. After this, the unit automatically returns to its previous settings.

Easy Maintenance

Safety clip

The safety clip feature allows the users to remove the washable saranet filter with ease during maintenance. At the same time, it also acts as a safety feature to prevent the users from reaching into the electrical and mechanical components.



Space for water drain pump

There is a space in the unit below the fan that allows users to install an external condensate water pump.

Note : The condensate water drain pump is separately purchased and field installed.



Piping

Condensate water drain pump

SPECIFICATION

			3.0	3.0	4.0	5.0	6.0	
Model	Indoor unit		FVRN71BXV14	FVRN71BXV14	FVRN100BXV14	FVRN125BXV14	FVRN140BXV14	
	Outdoor unit		RR71CXV1A4	RR71CXY1A4	RR100DX1A4	RR125DX1A4	RR140DX1A4	
Nominal cooling capacity	Btu/hr		29,000	28,000	36,000	42,000	55,000	
	kW		8.5	8.2	10.6	12.3	16.1	
Nominal total input power	W		2,900	2,850	3,550	4,100	5,490	
Nominal COP	W/W		2.93	2.88	2.97	3.00	2.94	
Power supply	V/Ph/Hz		220-240/1/50 (power from outdoor)		380-415/3/50 (power from outdoor)			
Indoor unit	Airflow (H/M/L)	cfm	675/625/530	675/625/530	1035/945/845	1035/945/845	1170/1085/985	
	Sound pressure level (H/M/L)	dB(A)	44/42/39	44/42/39	49/47/44	49/47/44	54/53/51	
	Dimensions (HxWxD)	mm	1850x600x270	1850x600x270	1850x600x350	1850x600x350	1850x600x350	
	Machine weight	kg	42	42	45	45	51	
Outdoor unit	Sound pressure level	dB(A)	56	56	58	60	65	
	Dimensions (HxWxD)	mm	753x855x328	753x855x328	852x1030x400	852x1030x400	852x1030x400	
	Machine weight	kg	57	56	71	95	105	
	Piping connections	Liquid (Flare)	mm	9.52	9.52	9.52	9.52	9.52
		Gas (Flare)	mm	15.88	15.88	15.88	15.88	19.05
	Max. interunit piping length	m	45	45	50	50	45	
Max. installation level difference	m	25	25	30	30	25		

1. Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length: 7.5m

Low Static & Standard Static Pressure

Flexible use of space is made possible using ducts to create a room filled with comfort



FDBRN25AXV14 (low static)



FDBRN35/50/60AXV14 (low static)



FDMRN71/100/125/140AXV14 (standard static)



(mm)

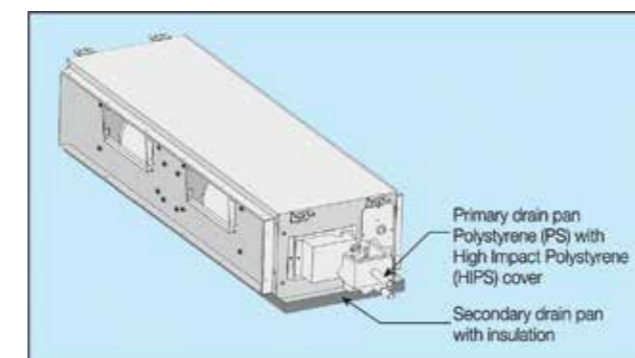
Indoor Unit	25	35	50	60	71	100	125	140
Height	261				285	305	378	
Width	797	905	1065	1200	1001	1306	1115	1369
Depth	411				600	638	541	

Flexibility in system design

The unit offers fan motor that can operate up to 3 speeds, thus providing choices of external static pressure for designing ducting system.

Double protection drainage system

The primary drain pan is designed with high thermal insulation material and moulded in gradient for better condensate water drainage. The extra secondary drain pan "built in" to the standard unit offers extra protection against possible water leaking problems.



Two selectable temperature sensors

Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature must be set during commissioning by the technicians.

* Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.
** Wireless remote controller does not have a temperature-sensor.

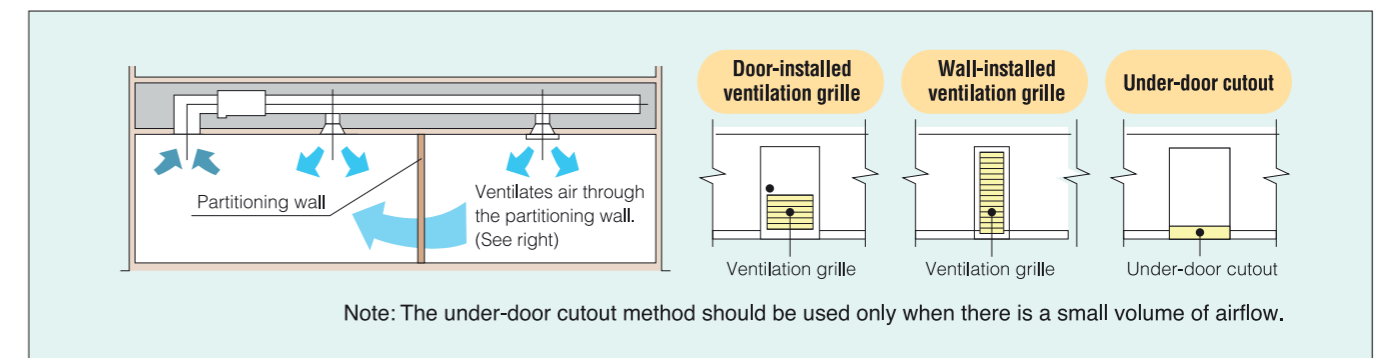
Switchable fan speed

High/Medium/Low

High setting provides maximum reach while low setting minimises drafts.

Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

When air conditioning two rooms simultaneously, the air discharged into each room must be circulated back to the air conditioner. To achieve this, a ventilation duct should be installed for each room or one of the indicated ventilation grilles should be installed on the partitioning wall or under the door between the rooms.



Wired controller:
BRC51A62 (Cooling Only)
* supplied with unit

Wireless controller:
BRC52A62 (Cooling Only)
* optional



	COMFORT	CLEANLINESS	WORK & SERVICING	CONTROL FEATURES
Switchable fan speed	Programme "Dry"	Two selectable temperature sensor	Timer selector	Weekly scheduled timer
•	•	*1	•	*1
	Washable saramei filter	Pre-charged for up to 7.5m	Self diagnosis	Auto random restart
	•	•	•	•
			Group control by Network Interface Module (NIM)	External command control using BAG
			•	•

*1 Applicable when wired controller is used.

SPECIFICATION

Model	Indoor unit		FDBRN25AXV14	FDBRN35AXV14	FDBRN50AXV14	FDBRN60AXV14
	Outdoor unit		RN25AXV14	RN35AXV14	RN50CXV1A4	RN60CXV1A4
Cooling capacity	Btu/h		9,000	12,000	17,400	20,800
	kW		2.64	3.52	5.10	6.10
Total input power	W		977	1,420	1,799	2,042
COP	W/W		2.70	2.48	2.83	2.99
Power supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Power from OUTDOOR					
Indoor unit						
Airflow	H/M/L	cfm	250/220/180	410/370/280	540/520/480	607/580/530
External Static Pressure	H/M/L	Pa	10/8/5	10/8/5	20/19/16	20/18/15
Sound pressure level	H/M/L	dB(A)	32/29/26	36/33/27	38/37/35	40/39/38
Unit Dimensions (HxWxD)	mm		261 x 797 x 411	261 x 905 x 411	261 x 1065 x 411	261 x 1200 x 411
Machine weight	Unit	kg	18	22	24	26
Outdoor unit						
Sound pressure levels	dB(A)		46	48	49	52
Dimensions (HxWxD)	mm		550 X 658 X 273		651 X 855 X 328	
Machine weight	kg		28	29	43	47
Piping connections	Liquid	m	6.35			
	Gas	m	9.52	12.70	12.70	15.88
Maximum piping length	m		20	20	30	30
Maximum piping elevation	m		10	10	15	15

1. Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length: 7.5m

Model	Indoor unit		FDMRN71AXV14	FDMRN71AXV14	FDMRN100AXV14	FDMRN125AXV14	FDMRN140AXV14
	Outdoor unit		RR71CXV1A4	RR71CXY1A4	RR100DXV1A4	RR125DXV1A4	RR140EXV1B4
Cooling capacity	Btu/h		28,000	28,000	36,000	42,000	47,000
	kW		8.21	8.21	10.55	12.31	13.77
Total input power	W		3,000	2,955	3,800	4,500	5,100
COP	W/W		2.74	2.78	2.78	2.74	2.70
Power supply	V/Ph/Hz		220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
	Power from OUTDOOR						
Indoor unit							
Airflow	H/M/L	cfm	760/710/650	760/710/650	1160/1020/920	1300/1060/870	1500/1350/1250
External Static Pressure	H/M/L	Pa	61/51/44	61/51/44	57/44/36	100/67/45	100/81/70
Sound pressure level	H/M/L	dB(A)	41/38/34	41/38/34	49/47/45	50/47/43	51/48/46
Unit Dimensions (HxWxD)	mm		285 x 1001 x 600	285 x 1001 x 600	305 x 1306 x 638	378 x 1115 x 541	378 X 1369 X 541
Machine weight	Unit	kg	40	40	49	44	50
Outdoor unit							
Sound pressure levels	dB(A)		58	58	58	60	60
Dimensions (HxWxD)	mm		753 x 855 x 328		852 x 1030 x 400		852 X 1030 X 400
Machine weight	kg		57	56	71	95	84
Piping connections	Liquid	m	9.52				
	Gas	m	15.88	15.88	15.88	15.88	
Maximum piping length	m		45	50	50	50	
Maximum piping elevation	m		25	30	30	30	

1. Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length: 7.5m



Fitted with wide inlet fan

Fully shaped aerodynamic propellers are designed to push air with a large wing surface, providing both high flow volume and quiet operation with turbulence.



Equipped with scroll compressor for quiet operation

Smooth running, minimal vibration, low operating sound.

* Only applicable to RR125DXV1A4, RR140EXV1B4, RR140DXV1A4

Outdoor	RN25A	RN35A	RN50C	RN60C	RR71C (1PH)	
Sound Pressure Level	dBA	46	48	49	52	58

Outdoor	RR71C (3PH)	RR100D	RR125D	RR140E	RR140D	
Sound Pressure Level	dBA	58	58	60	60	65



Installation and Maintenance

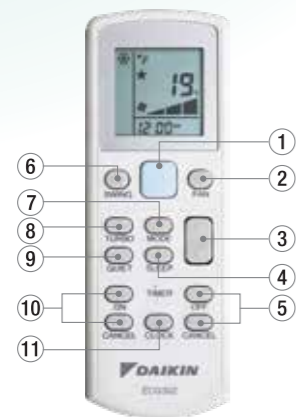
Pre-charged for up to 7.5 metres

Model	Pre-charged Piping Length, m	Max. Piping Length, m	Max. Piping Elevation, m
RN25A	7.5	20	10
RN35A	7.5	20	10
RN50C	7.5	30	15
RN60C	7.5	30	15
RR71C(1PH)	7.5	45	25
RR71C(3PH)	7.5	45	25
RR100D	7.5	50	30
RR125D	7.5	50	30
RR140E	7.5	50	30
RR140D	7.5	45	25

Durability

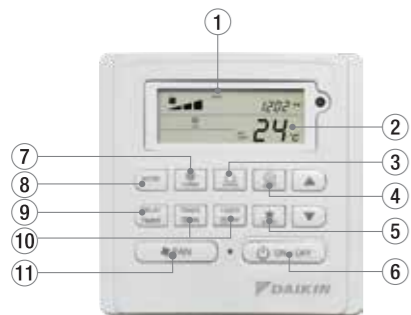
- The unit is covered with corrosion-proof galvanized steel to enhance its durability.
- Heat exchange fins are provided with anti-corrosion treatment.

Wireless controller **BRC52A62**



- ① "Glow-in-the-dark" ON/OFF switch
- ② Fan speed selection: Low, Medium, High, Auto
- ③ Temperature setting: Up & down
- ④ Sleep mode function
- ⑤ Off timer setting
- ⑥ Vertical auto-swing
- ⑦ Selectable mode: Cool, Dry, Fan
- ⑧ Turbo function
- ⑨ Quiet function
- ⑩ On timer setting
- ⑪ Real time clock

Wired controller **BRC51A62**



- ① Real time clock and day display
- ② Temperature operate in °C and °F
- ③ Swing function
- ④ Quiet function
- ⑤ Sleep function
- ⑥ ON/OFF switch
- ⑦ Turbo function
- ⑧ Cool, Dry, Fan mode
- ⑨ Delay timer (1 or 2 hours)
- ⑩ 7-days programmable timer
- ⑪ Low, Medium, High, Auto fan speed

Wired controller BRC51A62 can directly be connected to the unit's main board to start operating without extra setting or modification. It also has a built-in temperature sensor that enables temperature sensing closer to target area for improved comfort (no settings required to activate the handset temperature sensor).

