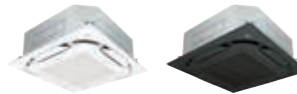


OPTIONS

Indoor unit

CEILING MOUNTED CASSETTE TYPE <Round Flow>



No.	Category	Name of option		Kit name		Required accessory-1	Required accessory-2	Note	
				NEW FCFV71AVMG	NEW FCFV100AVMG				
1	Panel	Standard panel	Fresh white	BYCQ125EAF					
2		Standard panel	Black	BYCQ125EAK					
3	Decoration panel	Standard panel with Sensing	Fresh white	BYCQ125EEF					
4			Black	BYCQ125EEK					
5		Designer panel	Fresh white	BYCQ125EAPF				*1,14	
6		Auto grille panel	Fresh white	BYCQ125EBSF				*2,3	
7	Sealing material of air discharge outlet	For usage of 3, 4-way flow		KDBH551C160				*4	
8		For usage of 2-way flow		KDBH552C160				*4	
9	Panel spacer			KDB55J160F					
10	IAQ	Chamber type	Without T-duct joint	KDDP55C160		KDDP55C160-1	KDDP55C160-2	*4,5,6,10	
11			With T-duct joint	KDDP55C160K		KDDP55C160-1	KDDP55C160K2	*4,5,6,10	
12		Direct installation type			KDDP55X160A			*7	
13	Branch duct chamber			KDJP55C80	KDJP55C160			*4	
14	Filter chamber			KDDFP55C160					
15	UV Streamer air purifier unit (UV-chamber)			BAEF125AW1				*13,14	
16	Replacement pleated filter for UV streamer air purifier unit (MERV13 filter)			BAF55A125		BAEF125AW1		*13,14	
17	Filter	Ultra long-life filter unit (Including filter chamber)		KAF555D160				*12	
18		Replacement ultra long-life filter		KAF550D160		KDDFP55C160		*12	
19		Replacement long-life filter		KAF5511D160					
20		Replacement long-life filter	Auto grille panel	KAF5512D160					
21		High-efficiency filter unit (Including filter chamber)	Colorimetric method 65%	KAF556D80		KAF556D160			*12,14
22				Colorimetric method 90%	KAF557D80		KAF557D160		
23	Replacement high-efficiency filter	Colorimetric method 65%	KAF552D80		KAF552D160		KDDFP55C160	*12,14	
24			Colorimetric method 90%	KAF553D80		KAF553D160		KDDFP55C160	*12,14
25	High performance prefilter (MERV8 filter)			BAF552A160				*12	
26	Humidity	Insulation kit for high humidity		KDTP55K80B	KDTP55K160B			*8,15	
27	Remote controller	Navigation remote controller		Wired type		BRC1E63A		*11	
28		Remote controller	Wireless type	Cooling only	Fresh white		BRC7M635AF		*16
29	Black				BRC7M635AK			*16	
30	Control	Unified ON/OFF controller		DCS301BA61				*9	
31		Central remote controller		DCS302CA61				*9	
32		Intelligent touch controller		DCS601C51				*9	
33		Schedule timer		DST301BA61				*9	
34		Simple touch controller		DTP401A61		DTP401A66		*9	
35		Simple touch controller		AC adaptor	For Singapore		DTP401A66		
36	Equipment	Adaptor for wiring		BRP11B62		KRP1H98A			
37		Wiring adaptor for electrical appendices		KRP4AA53		KRP1H98A			
38		Digital input adaptor		BRP7A52		KRP1H98A			
39		Installation box for adaptor PCB		KRP1H98A					
40	Remote controller Sensor	Remote sensor (for indoor temperature)		BRC501A-5					
41	Wireless	Wireless LAN connecting adaptor		BRP072C42-1					

- Note:
- When installing designer panel, body height (ceiling required dimension) is 42 mm higher than standard panel. Designer panel cannot operate 2 and 3-way flow.
 - When installing auto grille panel, body height (ceiling required dimension) is 55 mm higher than standard panel.
 - A dedicated remote controller for the auto grille panel is included for lowering and raising the suction grille.
 - Circulation airflow is not available with this option.
 - 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 use for cases when the temperature / humidity inside ceiling may exceed 30°C, 80%RH.
 - The indoor unit is equipped standardly with the interface adaptor for SkyAir series. An option is unnecessary.
 - Please order using the names of both components instead of set name.
 - Wiring for wired remote controller should be obtained locally.
 - This option cannot apply with Designer panel and Auto grille panel.
 - This option cannot apply with Designer panel, Standard panel (Black), Standard panel with Sensing (Black), Sealing material of air discharge outlet, Insulation kit for high humidity, and kit / filters that require a chamber (Fresh air intake kit Chamber type, High-efficiency filter unit, Ultra long-life filter unit, Branch duct chamber).
 - This option cannot apply when 2 and 3-way flow by using Sealing material of air discharge outlet.
 - For a panel and an option with a chamber, such as a Designer panel, Auto grille panel, UV Streamer air purifier unit, Ultra long-life filter unit, High-efficiency filter unit, and Fresh air intake kit chamber type, it is necessary to add insulation that is either glass wool or polyethylene foam with a thickness of 10 mm or more to the chamber area under conditions where an Insulation kit for high humidity is used.
 - Available from October 2026 onwards.

Round flow type: List of optional parts required to achieve different flow patterns

For each flow pattern – all round, 4-way, 3-way, 2-way, branch duct connection – the compatibility of each independently installed option (shown in the column on the left) to accessory options (listed across the top of each table) is shown in the cells where the relevant row and column intersect. A circle (O) indicates compatibility, and a cross (X) indicates incompatibility. Any options not shown below are not suitable for independent or accessory installation.

All round flow•4-way flow

Independently installable optional parts	Optional accessory parts									
	Designer panel	Auto grille panel	Panel spacer ¹	Fresh air intake kit (Chamber type) ²	Fresh air intake kit (Direct installation type)	Insulation kit for high humidity	UV Streamer air purifier unit	High-efficiency filter unit ²	Ultra long-life filter unit ²	
Panel/grille related	Designer panel	X	O	O	O	O ⁴	X	X	X	
	Auto grille panel	X	O	O	O	O ⁴	O	X	X	
	Panel spacer ¹	O	O	O	O	X	O	O	O	
Auxiliary function related	Fresh air intake kit (Chamber type) ^{1,2}	O	O	O	X	O ⁴	X	O	O	
	Fresh air intake kit (Direct installation type)	O	O	O	X	O	O	O	O	
	Insulation kit for high humidity	O ⁴	O ⁴	X	O ⁴	O	O ⁴	O ⁴	O ⁴	
IEQ related	UV Streamer air purifier unit	X	O	O	X	O	O ⁴	X	X	
Filter related	High-efficiency filter unit ²	X	X	O	O	O	O ⁴	X	X	
	Ultra long-life filter unit ²	X	X	O	O	O	O ⁴	X	X	

3-way flow•2-way flow⁶

Independently installable optional parts	Optional accessory parts									
	Designer panel	Auto grille panel	Panel spacer ^{1,3}	Fresh air intake kit (Chamber type) ²	Fresh air intake kit (Direct installation type)	Insulation kit for high humidity	UV Streamer air purifier unit	High-efficiency filter unit ²	Ultra long-life filter unit ²	
Panel/grille related	Designer panel	X	Δ	O	O	O ⁴	X	X	X	
	Auto grille panel	X	Δ	Δ	Δ	Δ	X	X	Δ	
	Panel spacer ^{1,3}	X	O	Δ	Δ	X	X	X	O	
Auxiliary function related	Fresh air intake kit (Chamber type) ^{1,2}	X	O	Δ	X	O	X	X	O	
	Fresh air intake kit (Direct installation type)	X	O	Δ	X	O	X	X	O	
	Insulation kit for high humidity	X	O ⁴	X	X	O	X	X	X	
Filter related	Ultra long-life filter unit ²	X	X	Δ	O	O	X	X	O	

Branch duct connection

Independently installable optional parts	Optional accessory parts									
	Designer panel	Auto grille panel	Panel spacer ¹	Fresh air intake kit (Chamber type) ²	Fresh air intake kit (Direct installation type)	Insulation kit for high humidity	UV Streamer air purifier unit	High-efficiency filter unit ²	Ultra long-life filter unit ²	
Branch duct chamber ¹	1-way branch / unit 3-way flow	O	O	O	O	O ⁴	X	X	O	
	2-way branch / unit 2-way flow	X	O	X	O	O ⁴	X	X	O	
	1-way branch / unit 2-way flow	X	O	X	O	O ⁴	X	X	O	

- Note:
- In some cases, depending on how the unit is embedded in the ceiling, use of Branch ducts and Fresh air intake kit may not be possible. Before starting installation work make sure to check whether or not joint installation is possible. In particular, ensure that the lower fixing position caused by the addition of Panel spacers is acceptable. When Branch duct chamber and Fresh air intake kit (Chamber type) are used, circulation airflow is not available.
 - When two different types of optional chambers are used together, a Fresh air intake kit must be installed in the upper position.
 - It is not possible to use Panel spacers in a 2-way flow installation.(Δ, Δ) LsIN26
 - For a panel and an option with a chamber, such as a Designer panel, Auto grille panel, UV Streamer air purifier unit, Ultra long-life filter unit, High-efficiency filter unit, and Fresh air intake kit chamber type, it is necessary to add insulation that is either glass wool or polyethylene foam with a thickness of 10 mm or more to the chamber area under conditions where an Insulation kit for high humidity is used.
 - It is not possible to install a Branch duct on the same side to which a Fresh air intake kit (Direct installation type) is installed.
 - When 3-way or 2-way flow is selected, circulation airflow is not available.

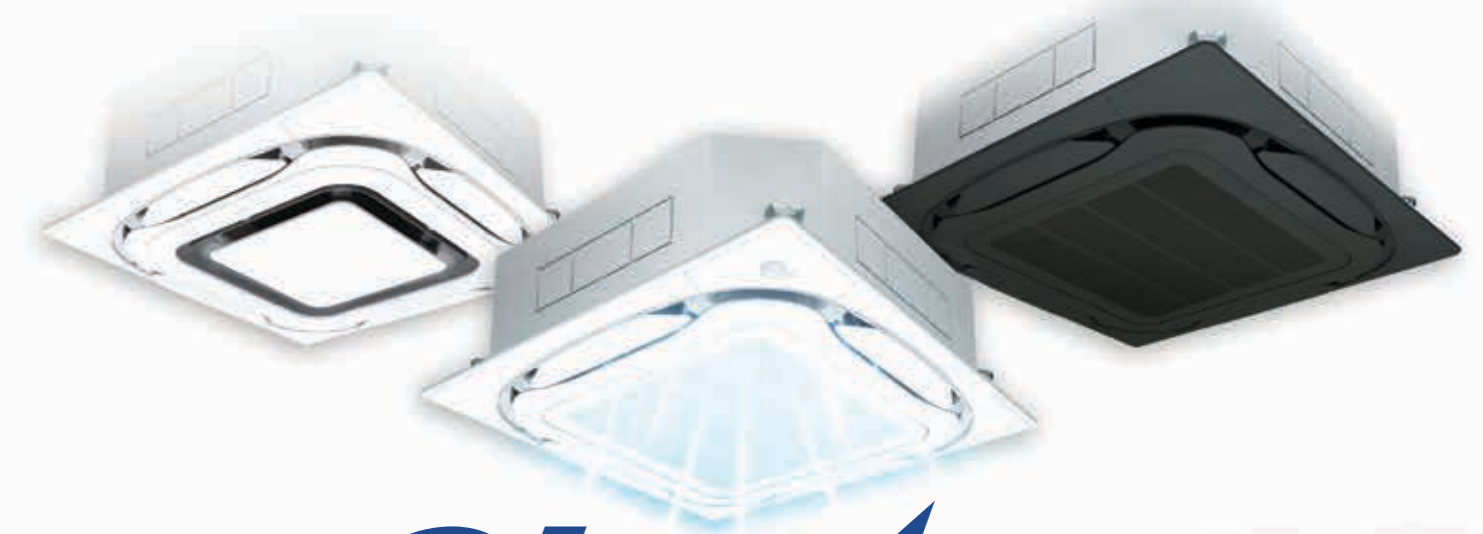
Outdoor unit

1 Phase
RZfV series

No.	Name of option	Kit name	
		NEW RZfV71AVMG	NEW RZfV100AVMG
1	Central drain plug	KKP937A4	KKPJ5H280
2	Fixture for preventing overturning	—	KKTP5B112
3	Wire fixture for preventing overturning	—	K-KYZP15C
4	Air direction adjustment grille	KPW5G112	



Perfecting the Air



SkyAir

AIR CONDITIONING SYSTEM

COOLING ONLY [50Hz]

INVERTER R-32

Eligible for Energy Efficiency Grant (EEG)*2



Now with 5-Tick Energy Efficiency*1

Designed for savings and superior cooling comfort.

*1 Applicable for RZfV71AVMG and RZfV100AVMG Models with wired remote control *2 Terms & Conditions Apply.

WHY SKYAIR 5 TICKS

More savings for a better tomorrow

Highest Energy Standard

5 Ticks energy saving the highest energy efficiency standard

Eligible for EEG

Up to 70% Support for Energy-Efficiency Grant capped at \$30,000 per company
*terms and condition apply

Microchannel Heat Exchanger

Microchannel heat exchanger increases thermal efficiency in HVAC systems

Cooling comfort and cleaner air

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Dual sensors and individual airflow direction control automatically for comfort

MERV8 Filter

Merv 8 designed to capture 97% of 1.0 – 3.0 µm particles*

UVC LED Light

Powerful UVC technology helps suppress viruses, delivering cleaner air you can trust*

Smart Controller for a more connected lifestyle

D-mobile app

Control your air conditioning from anywhere you want*

Simple Touch Controller

A smart, intuitive touch controller that scales effortlessly for centralized control*

Reiri Smart Control Solutions

Reiri is a seamless, all-in-one smart home ecosystem—intelligently integrated, reliably trusted*

Easy installation & maintenance

Easy Maintenance

Quick, hassle-free installation with a built-in control box lid hook

Gecko Protection NEW

Enhanced PCB protection against gecko entering

Durable Expansion Valve

Highly corrosion resistant electronic expansion valve

FUNCTIONS

Functions overview

1 Phase
RZVF series
Cooling only

		CEILING MOUNTED CASSETTE TYPE (Round Flow)	
Indoor unit	NEW FCFV71/100AVMG		
	NEW RZVF71/100AVMG		
Outdoor unit	NEW RZVF71/100AVMG		
Remote controller	Wired	BRC1E63A	—
	Wireless	—	BRC7M635AF(K)*7

Energy Saving	1	Energy consumption monitoring	●	
	2	Sensing sensor stop mode	▲ Sensing panel	
	3	Sensing sensor low mode *1	▲ Sensing panel	
	4	Auto display OFF	●	
	5	Setpoint auto reset	●	
	6	Setpoint range set	●	
	7	OFF timer (programmed)	●	
	8	Weekly schedule timer	●	
	9	ON/OFF timer	●	●
Comfort	10	Circulation airflow	●	
	11	Setback	●	
	12	Quick start	●	
	13	Individual airflow control	●	
	14	Infrared presence sensor	▲ Sensing panel	
	15	Infrared floor sensor	▲ Sensing panel	
	16	Auto airflow function (Direct air, Draft prevention)	▲ Sensing panel	
	17	Auto swing	●	●
	18	Swing pattern selection	●	●
	19	Switchable fan speed	● 5 step	● 5 step
	20	Auto airflow rate	●	●
	21	Two selectable temperature-sensors *2	●	●
	22	High ceiling application	● 3.5 m / 4.2 m	● 3.5 m / 4.2 m
	23	Night quiet operation *3	●	
	Cleanliness	24	Anti-bacterial air filter	●
25		Silver ion anti-bacterial drain pan	●	
26		Auto grille panel	▲	
Work & Servicing	27	Drain pump mechanism	●	
	28	Pre-charged for up to 30 m *3	●	
	29	Long-life filter	●	
	30	Filter sign	●	●
	31	Low gas pressure detection *3	●	
	32	Emergency operation	●	
	33	Self-diagnosis function	●	●
	34	Service contact display	●	
	35	Auto-restart	●	
Control	36	Control by 2 remote controllers *4	●	●
	37	Group control by 1 remote controller	●	
	38	External equipment interlock *5	▲ Sensing panel	
	39	External signal forced OFF and ON/OFF operation	●	
	40	External command control *6	●	
	41	Central remote control	●	
	42	Interlock control with Heat Reclaim Ventilator	●	
43	DIII-NET communication standard	●		
Options	44	UV Streamer air purifier unit	▲	
	45	High-efficiency filter	▲	
	46	Ultra long-life filter	▲	
	47	High performance prefilter (MERV 8 filter)	▲	
	48	Fresh air intake kit	▲	

Wired Remote Controller

• Navigation Remote Controller (Wired)

BRC1E63A

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

Wireless Remote Controller *7,8

Cooling only

BRC7M635AF
(Fresh white)

BRC7M635AK
(Black)

Signal receiver unit (Installed type)

Wireless remote controller is supplied in a set with a signal receiver.

Note: ● : Function is available.
▲ : Function is available with Option.

*1 : Not applicable when group control.
*2 : Applicable when wired remote controller is used.
*3 : For outdoor units.
*4 : Available combinations are in the table*4.
*5 : Adaptor for Wiring (and installation box) is necessary.
*6 : Wiring adaptor for electrical appendices (and installation box) is necessary.
*7 : Available from October 2026 onwards
*8 : A signal receiver must be added to the indoor unit.

		● Possible	
		Main	Wired remote controller
Table *4			BRC1E63A
Sub	Wired remote controller	BRC1E63A	●
	Wireless remote controller	BRC7M635AF(K)	●

SPECIFICATIONS

1 Phase RZVF series Cooling only

CEILING MOUNTED CASSETTE TYPE <Round Flow> (1 Phase)

		71		100	
		NEW FCFV71AVMG		NEW FCFV100AVMG	
		NEW RZVF71AVMG		NEW RZVF100AVMG	
Power supply	Outdoor unit	1 Phase, 220-240 / 220-230V, 50Hz			
Cooling capacity ^{1,2} Rated (Min. - Max.)	kW	7.1 (3.2-10.8)		9.3 (5.0-15.0)	
		24,200 (10,900-34,100)		31,700 (17,000-51,200)	
Power consumption	Cooling ¹	1.55		1.93	
		4.58		4.82	
COP		5.65		5.56	
Tick grade		5		5	
Indoor unit	Colour	Fresh white			
	Unit Decoration panel	Fresh white			
	Airflow rate (H / HM / M / ML / L)	23 / 21 / 18.5 / 16 / 13.5		36.5 / 33.5 / 30 / 26.5 / 23	
	Sound pressure level ³ (H / HM / M / ML / L)	81.2 / 74.1 / 65.3 / 56.5 / 47.7		1,288 / 1,183 / 1,059 / 935 / 812	
	Dimensions (H×W×D)	256×840×840		298×840×840	
	Machine weight	22		26	
	Certified operation range	°CWB		5.5	
	Colour	Ivory white			
	Coil Type	Micro channel + Zn spray		Cross fin coil	
	Compressor Type	Hermetically sealed swing type			
Motor output	kW		3.3		
Refrigerant charge (R32)	kg		3.75 (Charged for 30 m)		
Sound pressure level ³	Cooling	49		52	
	Night quiet mode	45		48	
Dimensions (H×W×D)	695×930×350		1,430×940×320		
Machine weight	48		93		
Certified operation range	°CDB		21 to 46		
Piping connections	Liquid (Flare)	mm		φ9.5	
	Gas (Flare)	mm		φ15.9	
	Drain	Indoor unit	mm		VP25 (I.D. φ25×O.D. φ32)
Max. interunit piping length	m		50 (Equivalent length 70)		
	m		75 (Equivalent length 90)		
Max. installation height difference		30			
Heat insulation		Both liquid and gas piping			

Note : ¹ Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).
² Capacities are net, including a deduction for cooling for indoor fan motor heat.
³ The operation sound is measured in anechoic chamber. If it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
⁴ Drain socket is necessary.

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