



RC-0921-H

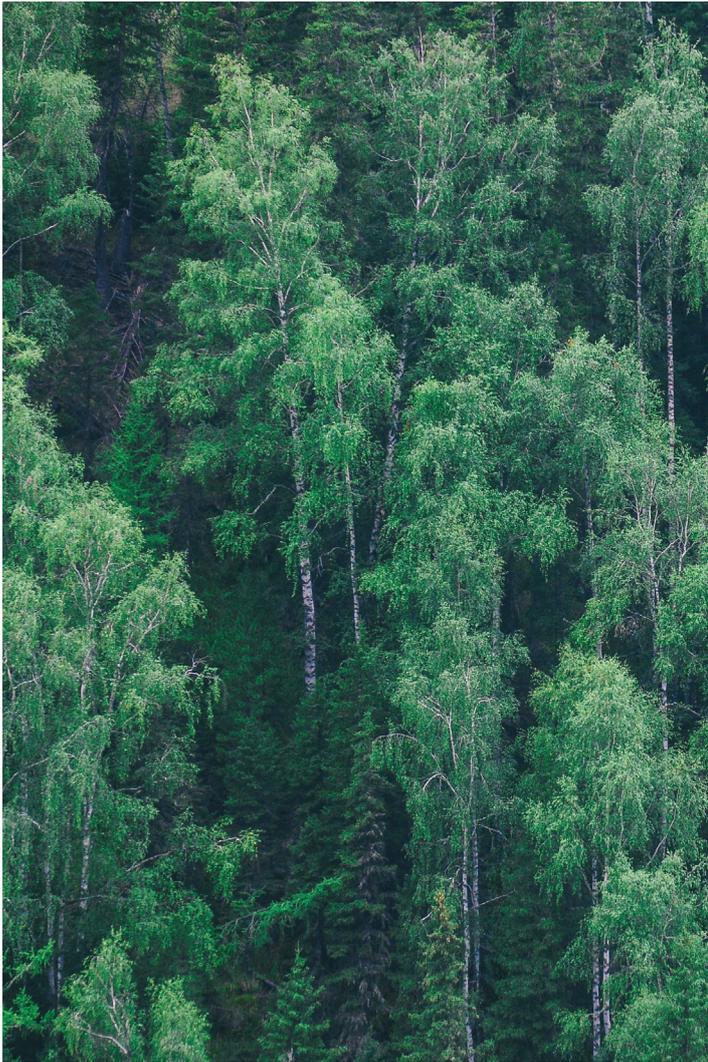
R32



SkyAir

**Single-Split
Non Inverter Series**





R32

The Superior Refrigerant

This game changing refrigerant strikes the perfect balance between energy efficiency, ease of use and environmental sustainability; offering distinct advantages across the board. Bringing you comfort and a peace of mind.

Less Impact On Global Warming

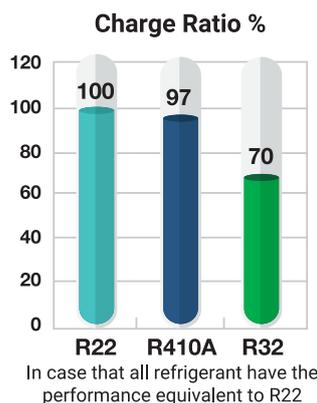
The earth retains solar heat in the daytime for warming and then releases this heat at night, allowing it to maintain an optimal temperature range. However, with greenhouse gases increasing, it is more difficult to discharge heat and the planet is gradually becoming warmer. This is called global warming. R32 has only around 30% of the global warming potential of R410A and R22.

	Ozone Depletion Potential	Global Warming Potential
R32	0	675
R410A	0	2,090
R22	0.05	1,810

R32 has zero Ozone Depletion Potential (ODP), and lower Global Warming Potential (GWP) which contributes to the prevention of global warming.

Lesser Refrigerant Charge

Potential refrigerating effect of R32 is 1.5 times that of R22 or R410A. More specifically, pressure losses are lower with R32 than R22 or R410A for the same capacity and the liquid density of R32 is also 10% lower. As a result, the charging volume for R32 is approximately 30% less than that of R410A and R22.



Easy Maintenance and Serviceability

Unlike R410A and R407C, which are mixed refrigerants, R32 is a Single component refrigerant. This means that no composition change occurs, and likewise R22, allows for easy liquid charge and gas charge.

	Composition (Mixture ratio wt%)
R32	Single Component
R410A	R32/R125 (50/50 WT%)
R22	Single Component

Series

25

35

50

60

Ceiling Cassette Type



Indoor unit



FFC25AV1MF

FFC35AV1MF

FCC50AV1MF

FCC60AV1MF

Ceiling Concealed Low / Middle Static Pressure Type

Indoor unit



FDBC25AV1M

FDBC35AV1M

FDMC50AV1M

FDMC60AV1M

Ceiling Exposed Type

Indoor unit



FHC50AV1M

FHC60AV1M

Outdoor Unit



RC25BV1M

RC35BV1M

RC50BV1M

RC60BV1M

Power Supply

Indoor 220-240V / 1 Phase / 50Hz			
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85

100

125

140

160



Indoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz
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Stay In Control. No Matter Where You Are.



Smart Control



GO DAIKIN

Smart
Control

Simplify your life with the GO DAIKIN application. The GO DAIKIN application lets you manage Daikin air conditioners from anywhere, helping to maintain a comfortable home environment while saving energy.

An application that easily allows for the control of your home climate! With just a simple wifi connection, you can now create the perfect climate for your home.

GO DAIKIN

In-Home & Out-Of-Home Function Allows You To Control Your AC At Anywhere Anytime.

GO CONVENIENCE

- In-home & Out-of-home function allows you to control your AC at anywhere anytime.
- Weekly scheduling allows you to set your AC at your preferred timing at a weekly basis.

GO SAVE

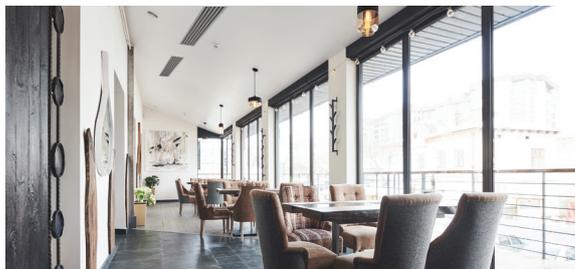
- Greater savings can be achieved as you can now smartly monitor your AC energy consumption!

GO COMFORT

- Different operational modes allows you to enjoy the different kinds of cooling experience.

GO SHARE

- User control sharing easily allows you to share your AC controls with your family members through a simple QR code scanning.
- You can unbind the controls or restrict certain app functions of the AC from your family members at any time you desire.



Restaurant

Weekly Scheduling⁴ allows for systematic switching on and off of Air Conditioner at specific times throughout a restaurant's daily and weekly operation, thus removing the repetitive actions of physically using the remote controller every time.

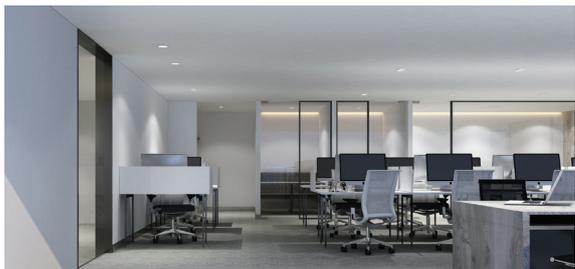


GO DAIKIN



University

Real Time Monitoring helps university building management to understand and monitor live feedback of Air Conditioner status (including on / off status, set temp and error code etc), which enables them to oversee and control the overall A/C usage.



Office

Group Control grants office admins the power to control multiple Air Conditioner in various rooms, section and floors of the office with just a press of a button, thus removing the need to walk across the whole office and individually control each A/C.



Home

Out-of Home⁴ prepares owners to be welcomed home with a pre cooled living space of maximum cooling comfort by offering control of Air Conditioners from anywhere outside of home.

GO DAIKIN

Built in WiFi: Ceiling Cassette - FFC-A, FCC-A

Optional WiFi: Ceiling Concealed - FDBC-A, FDMC-A, Ceiling Exposed - FHC-A



Internet



Functions

- Start/stop operation
- Set operation mode
- Set room temperature
- Set fan speed
- Set airflow direction³
- Monitor current room temperature⁴
- Countdown timer⁴
- Error code
- User sharing
- Set weekly timer⁴
 - Start/stop operation
 - Operation mode and room temperature (maximum of six actions per day, 42 actions in total)

Required for Operation:



Available At:



3 Simple Steps For Unit Pairing

STEP 1

Download GO DAIKIN App

STEP 2

Locate the QR Code (beside MCMC label) sticker on your warranty card or inside the WiFi Adaptor box, and scan it to pair your AC with your smartphone.

STEP 3

Voilà! You can now control your AC from your smartphone

Scan QR code to see GO Daikin setup video

Enjoy 2 Years Free*¹ Upgrade To Pro On Us

Function List	Standard RM0.00	Pro RM11.99 Per year
Standard Control Functions* ²	✓	✓
User Control Sharing to Family & Friends	✓	✓
In-Home AC Control	✓	✓
Out-Of-Home AC Control		✓
Indoor/Outdoor Temperature Monitoring		✓
Energy Usage Monitoring* ³		✓
Weekly Scheduling		✓
Countdown Timer		✓
Auto Error Code Detection	✓	✓
Voice Control (Alexa, Google Home)	✓	✓

Smart Control Subscription:

1. Free 2 years upgrade to Smart Control Pro upon first time successful pairing to network adaptor (AWM61A01). Package will switch back to Smart Control Standard (FREE) after 2 years. User can choose to upgrade to Smart Control Pro with subscription of RM 11.99 yearly per air conditioner.
2. Function includes: On/Off, Operation Mode, Fan Swing, Fan Speed, Powerful Mode, Quiet Mode, Sleep Mode.
3. Only applicable to certain Inverter models only. Please refer to Daikin website page for compatible model list.

GO DAIKIN APP:

- i. For compatible AC models list, please refer to Daikin Smart Control website page.
- ii. A network adaptor (AWM61A01) is required for each indoor unit to use Smart Control function.
- iii. Additional network adaptor is optional for compatible Non Built-In models (refer to i).
- iv. An Internet connection through mobile data or WiFi network is required to use Smart Control function.
- v. Connectivity of App to AC will depend on the effective coverage area of your Local Area Network (LAN).
- vi. This device supports DHCP (Dynamic Host Configuration Protocol) only. Ensure that your router has DHCP server option function activated before pairing.
- vii. The controllable functions and features may differ depending on the model.



Smarter Control, Voice Control.

Enjoy a smarter and more effortless way of controlling your Daikin Air Conditioning using voice control. Multi-task your way through the day by simply saying the commands to your Amazon Alexa or Google Home device while doing your daily tasks.

Just say the words

Hey Google, ask GO DAIKIN to switch On Living Room.

Alexa, ask GO DAIKIN to set Bedroom temperature to 24.

Hey Google, ask GO DAIKIN to turn on Eco mode for Kids Room.

* Full command list is available on the GO DAIKIN app.

Setup for Voice Control

Google Home/Nest Devices



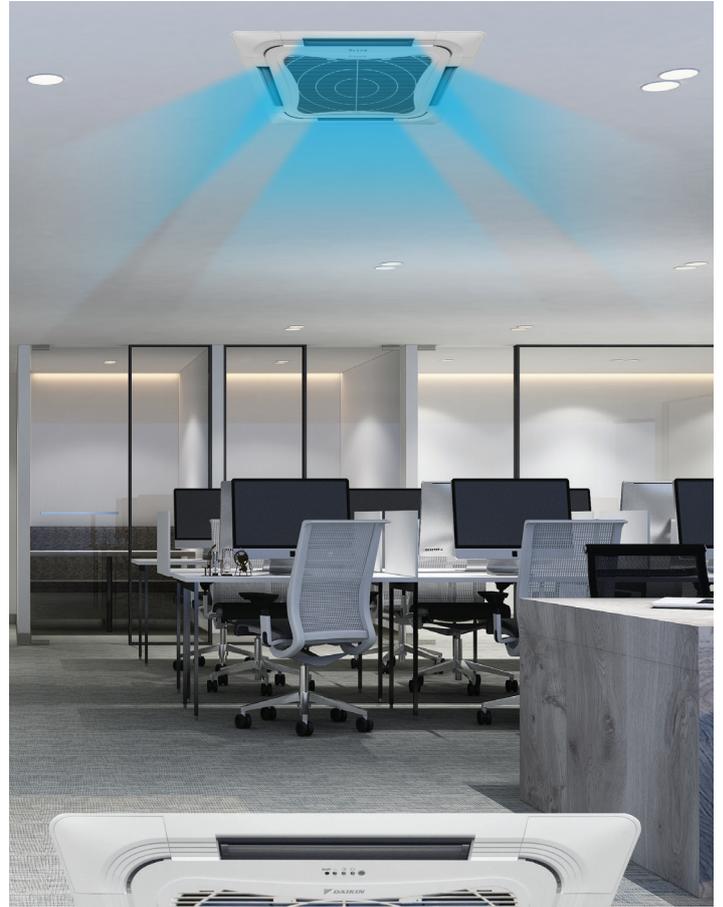
Amazon Alexa Devices



Cassette Air Conditioner delivers cooling comfort evenly to every corner of the room



FFC25/35AV1MF



FCC50/60/85/100/125/140AV1MF



DGS01

Compact Wireless Remote Controller

- Supplied together with panel for user convenience.
- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons.



DSL8

Slim Wired Remote Controller (Optional)*

- Dedicated button for Quiet and Turbo functions.
- Key lock function.
- Real-time timer. (7 days option, 2 events daily).
- Comes with 10m wired cable



BRC51D61

SHIRO Wired Remote Controller (Optional)*

- Better external outlook with glossy finishing.
- Display with backlight for better viewing.
- Room temperature indication.
- Comes with 10m wired cable

Product Features



High Performance

R32 refrigerant properties boost the capacity and COP of units for selected models to achieve full tonnage.

Capacity (Btu/hr)

Series	R410A	R32
25	9,500	9,500
35	12,500	12,500
50	18,500	18,500
60	23,000	24,000 ↑ (Full 2TR)
85	30,000	30,000
100	36,000	36,000
125	42,000	42,000
140	46,000	48,000 ↑ (Full 4TR)



Energy Saving

R32 refrigerant properties provide better heat transfer compared to R410A refrigerant. Therefore, the efficiency of R32 models is tremendously improved. COP for R32 models increases by an average of 11% compared to R410A models.



R32 models achieved higher efficiency!

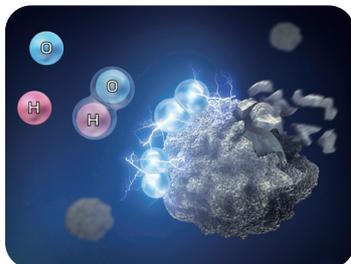
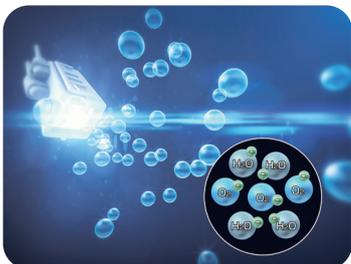
COP(W/W)



What is COP
(Coefficient of Performance)

COP is equal to capacity (kW) divided by power consumption (kW), and the larger the COP value, the higher the energy efficiency, enabling cooling with less electricity and increasing the energy saving performance.

Better Indoor Air Quality



Advanced i-Plasma Technology

Our advanced plasma ion technology purifies and sterilizes the air by effectively removing airborne contaminants, as well as deactivating harmful bacteria by damaging their microbial DNA and surface structures without causing harm to human."

Designed for Comfort

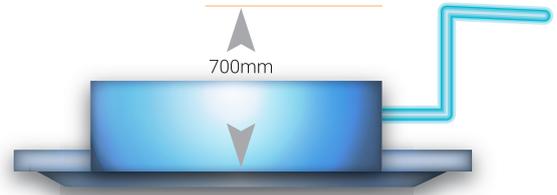
4-Way Air Discharge And Air Swing

It comes with 4 way air discharge and air swing function to ensure better air distribution and circulation in the room.



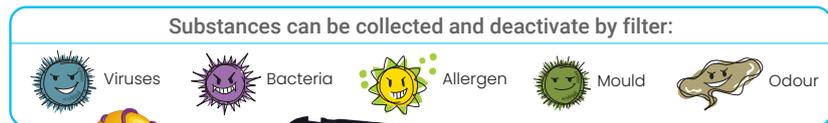
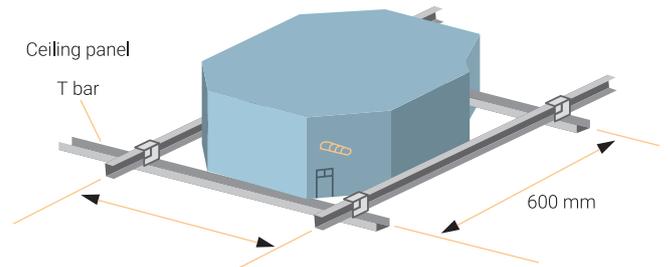
Built-in High Head Drain Pump

The unit comes with a built-in high head drain pump of 700mm pressure head. A safety float is incorporated in the drain pump to monitor its water level.



Compact Design

The Ceiling Cassette C series is designed to be compact. Its body dimension is only 570mm x 570mm which can easily fit into a 600mm ceiling grids. This make installation a lot easier.



Gin ION Blue Filter

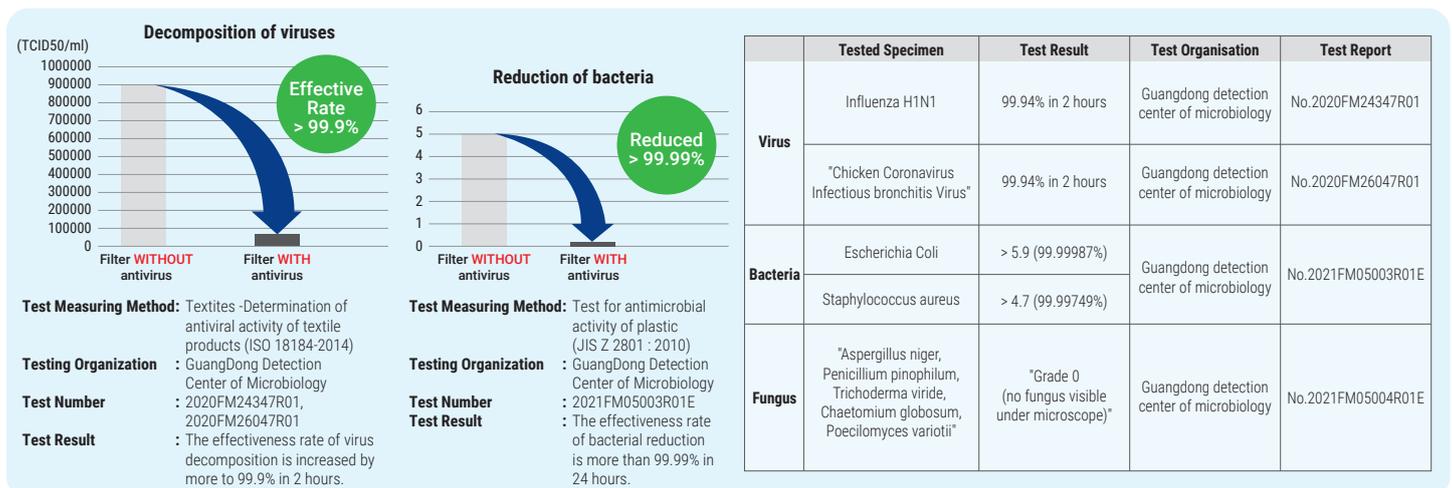
This filter is treated with a positively charged silver ion (supplied as standard for FFC and FCC).

- Efficiently draws viruses onto its surface and decomposes up to 99.9%* in 2 hours.
- Deactivate bacteria and inhibit fungal growth on its surface to improve the quality of indoor air for a healthier lifestyle.
- Delivers consistent performance for around a year if filter is cleaned once every 2 weeks.

* The effect stated here is effect against viruses which are directly attached on the filter in the experimental facility for 2 hours.

Gin-ION Blue Filter Test Result

The Gin-ION Blue Filter has been tested and confirmed to decompose viruses, bacteria, and inhibit fungal growth on the filter surface.



Inspired by nature

Elegant Design Panel

Inspired by Nature. Combining with “butterfly” concept into modern ceiling cassette panel design to provide user a totally different outlook which match into current living lifestyle.



Cassette Panel

Malaysia

 Good Design
 Daikin Ceiling Cassette has won the Malaysia Good Design Award 2015 in recognition of product design excellence, innovation and creativity.



Intake Grille

Comfort

Unified Square Panels

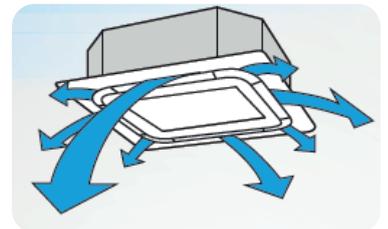
- Panel size is the same for all models.
- It is easy to maintain a neat appearance when multiple units are installed in the same room.



Same for all models

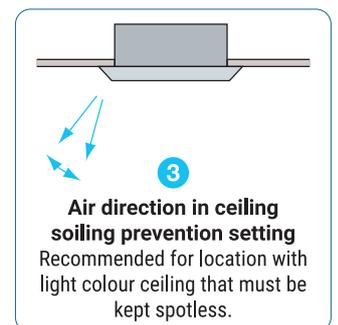
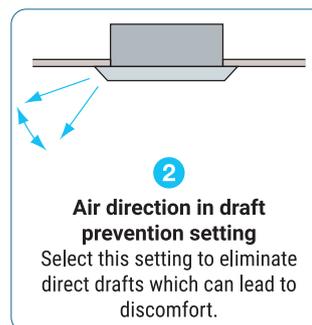
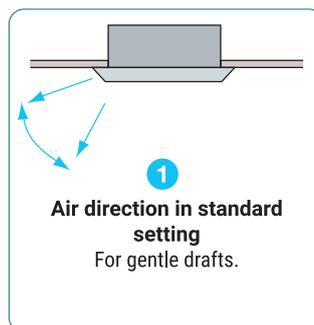
8 – Way Air Flow Discharge

- The unit delivers even and comfortable air-conditioning to all areas, covering to every corner of the room by combining 8-ways air discharge.
- Air flow direction can be fixed at your designated angle by the remote controller with swing function.



3 Different Swing Pattern

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.

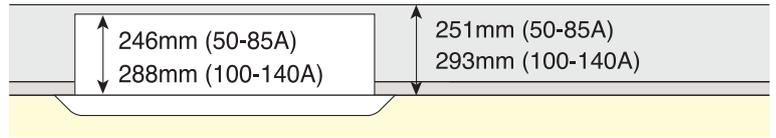


The default setting for air swing pattern is 1.
 The air swing pattern can be selected through both wireless and wired remote controller by holding down the Swing button for 4 seconds

Easy Installation & Serviceability

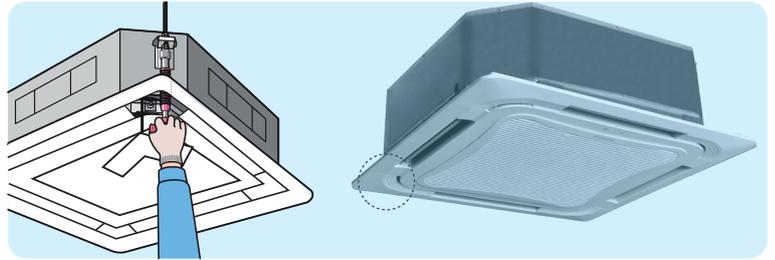
Installable In Tight Ceiling Spaces

Unit height as low as 246mm.



Easy Height Adjustment

Each corner of the unit has an adjuster pocket that allows you to easily adjust the unit's suspended height.



Easy Accessible To Control Box Location

- Instead on conventional hidden control box location, new cassette control box can be easily and safely accessed.
- Without adjusting the panel, control box can be directly accessed from the intake grille.
- Extra time saving on installation or servicing.

Drain Pump Is Equipped As Standard

- The unit comes with high head drain pump of 700mm.
* pressure head as standard
- Drainage Protection: Safety Float incorporated in drain pump. It's function is to monitor water level and trigger drain pump to cut in when drainage water reached certain level.
* 700mm calculated from drain pipe outlet to highest elevation point

Built-In Network Adaptor



GO DAIKIN



AWM61A01

This built-in network adaptor together with "GO DAIKIN" app turns a smartphone into a remote controller that can be used inside or outside the home. Together, they help to not only save energy and maintain comfort but also eliminate any worries of forgetting to turn off your air conditioner!

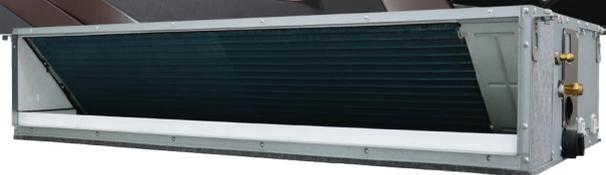
Note: Certain app functions are optional.



Low Height and New Design for Flexible Application



FDBC25/35AV1M



FDMC50/60/85/100/
125/140/160AV1M



DSLM8

Slim Wired Remote Controller

- Dedicated button for Quiet and Turbo functions.
- Key lock function.
- Real-time timer. (7 days option, 2 events daily).
- Comes with 10m wired cable



BRC51D62

SHIRO Wired Remote Controller (Optional)

- Better External Outlook with Glossy Finishing.
- Display with Backlight for better viewing.
- Room temperature indication.
- Comes with 10m wired cable.

Product Features



High Performance

R32 refrigerant properties boost the capacity and COP of units for selected models to achieve full tonnage.

Series	Capacity (Btu/hr)	
	R410A	R32
25	9,000	9,000
35	12,000	12,000
50	18,000	18,500 ↑
60	21,000	23,500 ↑
85	30,000	30,000
100	36,000	36,000
125	42,000	42,000
140	47,000	48,000 ↑ (Full 4TR)
160	55,000	55,000

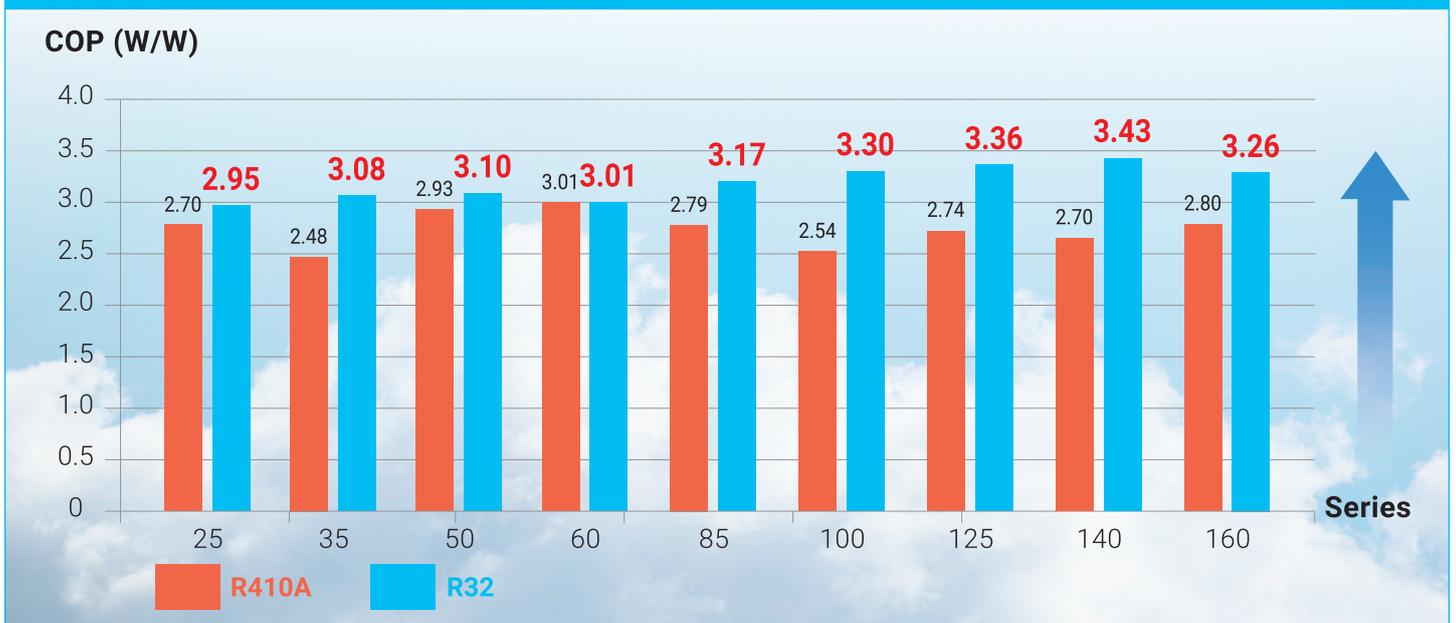


Energy Saving

R32 refrigerant properties provide better heat transfer compared to R410A refrigerant. Therefore, the efficiency of R32 models is tremendously improved. Average COP for R32 models increases by an average of 16% compared to R410A models.



R32 models achieved higher efficiency!



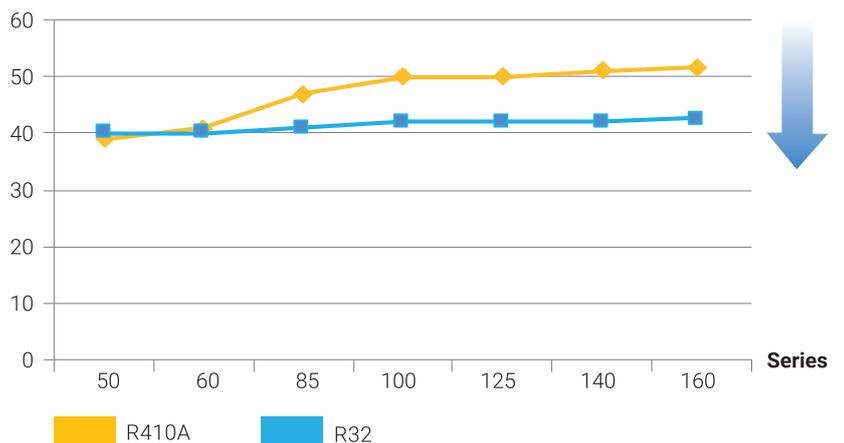
New Design (For FDMC50-160AV1M only)

New Outlook and Operation

New Blow Through System results in low noise operation of unit.



Sound Pressure Level (dBa)



Design And Installation Flexibility (For FDMC50-160AV1M only)

Extreme Low Height Of Units

Installation is possible even in buildings with narrow ceiling spaces.

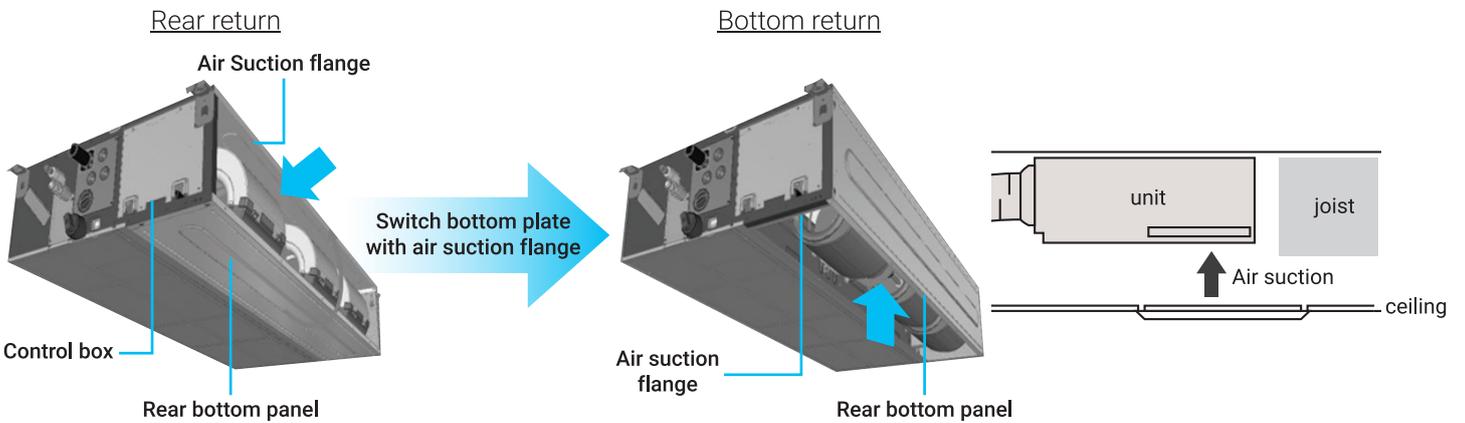
Series	50/60	85	100/125/140/160
Height (mm)	250	250	250
Width (mm)	700	1,000	1,400
Depth (mm)	700	700	700



One of the industry's most compact bodies in the mid-static pressure range.

Convertible Return Air Configuration

Easy conversion from rear return to bottom return is possible to be done on new ceiling concealed to fit according to building structures.



Comfort

Switchable Fan Speed: 3 Steps And Auto

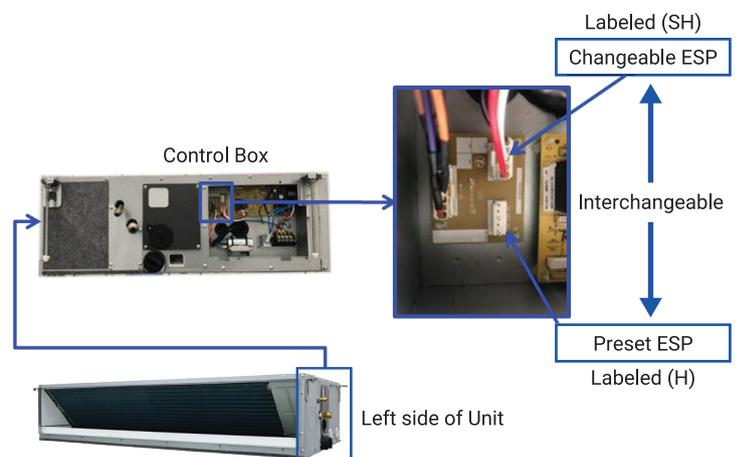
- Control of fan speed up to 3-step.
- The unit has up to 3 different fan speed available for comfort selection.



Easy Selectable External Static Pressure (ESP) (For FDMC50-160AV1M only)

- 2-different ESP can be easily selected by switching the connector inside the control box as shown below.
- According to duct design required for comfort, the adjustment can be done easily during installation at the control box.

Series	50	60	85	100	120	140	160
Preset ESP (Pa)	30	30	30	50	50	50	50
Changeable ESP (Pa)	50	50	50	80	80	80	60



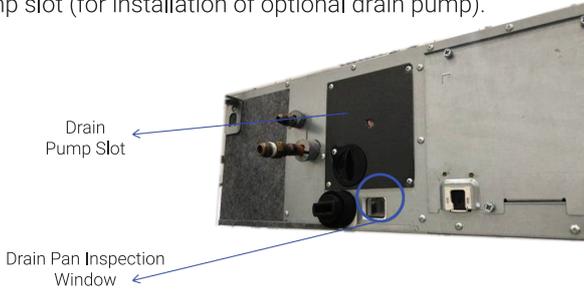
What is ESP (External Static Pressure)

External Static Pressure is the measurement of the total resistance in a duct system that the fan has to work against.

Easy Service Maintenance (For FDMC50-160AV1M only)

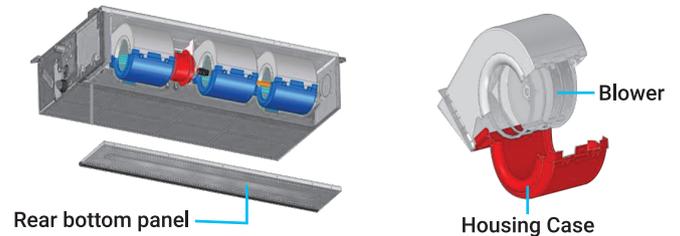
Drain Pan Maintenance Check Window

Allow the checking of drainage or dirt in the drain pan without requiring any tools. Check window is located below the drain pump slot (for installation of optional drain pump).



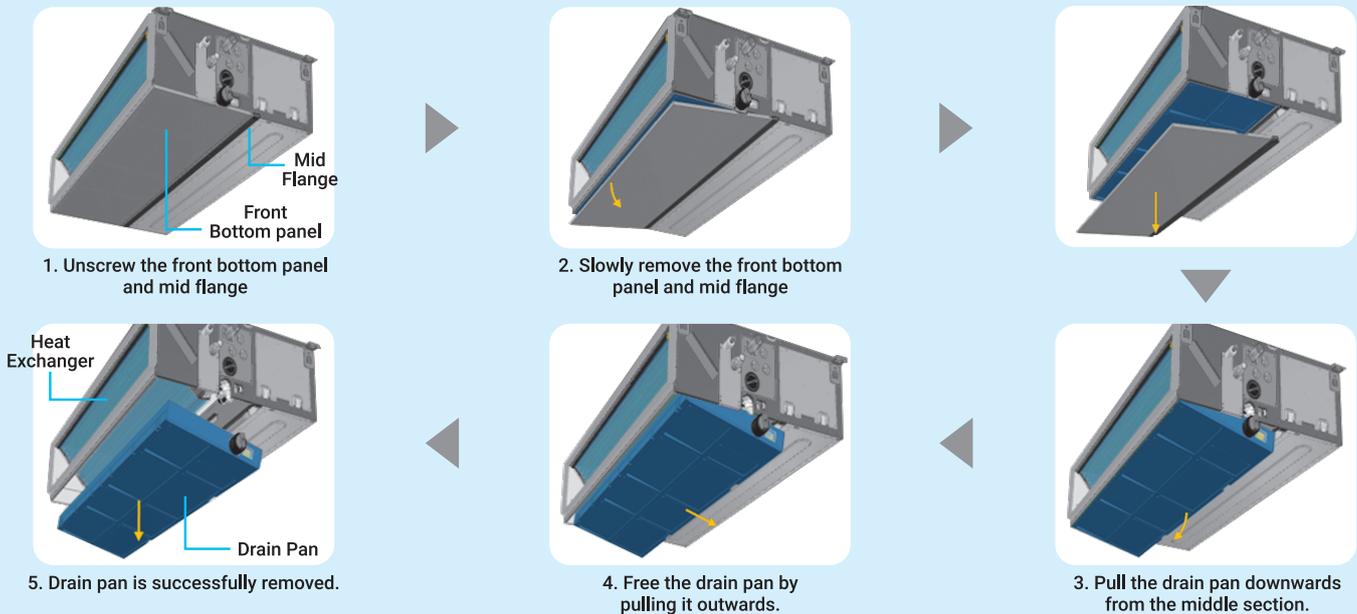
Easy Accessible To Blowers And Motors

- Blowers and Motors can be easily accessible by just removing rear bottom panel and mid flange as shown.
- Blowers can be removed from the housing easily as well by opening the housing case.



Easy Accessible to Drain Pan and Heat Exchanger

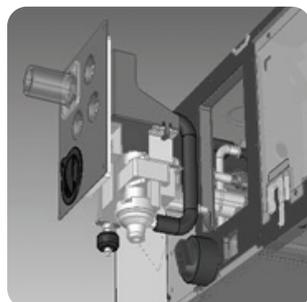
- Drain Pan and Coil can be easily accessible by removing front bottom panel and mid flange.
- Followed by steps as shown below, coil can be accessed once drain pan is removed.



Optional Accessories

Drain Pump Is Ready For Installation

- Drain pump is optional accessory for new ceiling concealed.
- If Drain Pump is required, it could be purchased as accessories and installed at the designated location of the unit.



Part Number: BDU511A160V1

Saranet Filter

- Functions as dust filtration to trap dust in the air.



Part Number: R03084037810 (FD BC25A), R03084037811 (FD BC35A)
3P557870-1 (FD MC50/60A), 3P557868-1 (FD MC85A)
3P557863-1 (FD MC100/125/140/160A)

Optional NS Splitter (Contains 1 Network Adaptor)



NS Splitter
(R50044157819)

This optional NS splitter comes with a network adaptor and together with "GO DAIKIN" app turns a smartphone into a remote controller that can be used inside or outside the home. Together, they help to not only save energy and maintain comfort but also eliminate any worries of forgetting to turn off your air conditioner!

Note: Certain app functions are optional.

- NS Splitter is applicable for all wired models for FFC-A, FCC-A, FD BC-A, FD MC-A, FHC-A

Maximum air flow, providing cooling
to far ends of the room



FHC50/60/85/100/125/140/160AV1M



DGS01

Compact Wireless Remote Controller

- Supplied together for user convenience.
- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons.



DSL8

Slim Wired Remote Controller (Optional)

- Dedicated button for Quiet and Turbo functions.
- Key lock function.
- Real-time timer. (7 days option, 2 events daily).
- Comes with 10m wired cable



BRC51D61

SHIRO Wired Remote Controller (Optional)

- Better external outlook with glossy finishing.
- Display with backlight for better viewing.
- Room temperature indication.
- Comes with 10m wired cable

Product Features



High Performance

R32 refrigerant properties boost the capacity and COP of units for selected models to achieve full tonnage.

Capacity (Btu/hr)

Series	R410A	R32
50	18,000	18,500 ↑
60	21,000	23,500 ↑
85	29,000	29,500 ↑
100	35,000	36,000 ↑ (Full 3TR)
125	41,000	42,000 ↑
140	44,000	46,000 ↑
160	55,000	55,000



Energy Saving

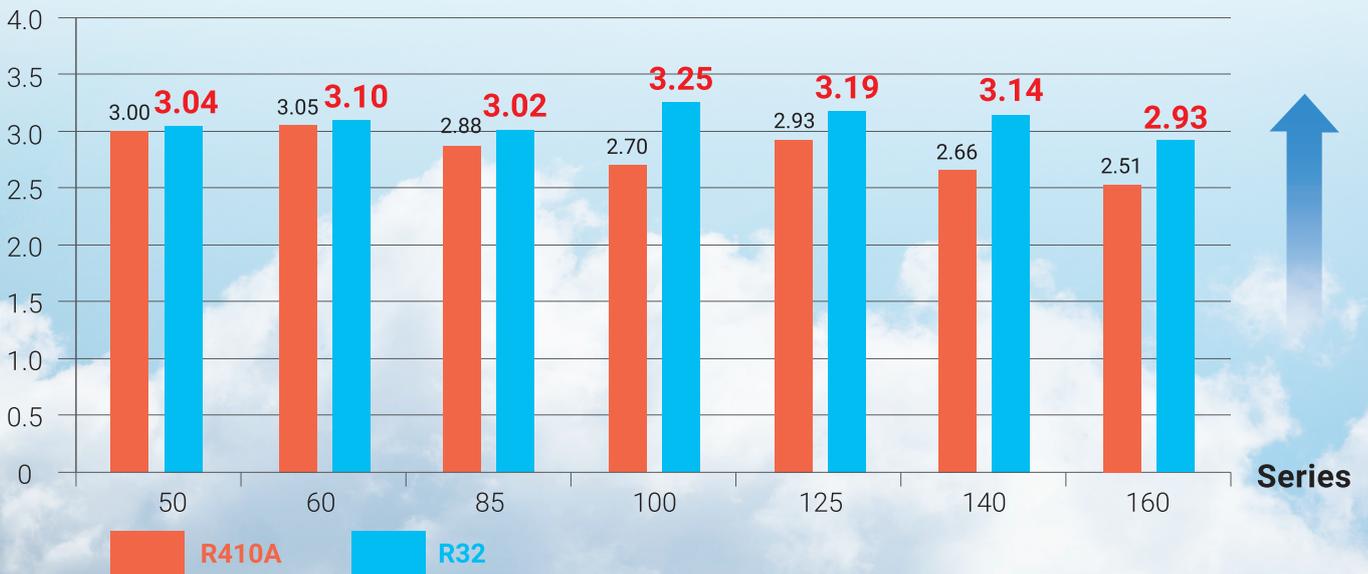
R32 refrigerant properties provide better heat transfer compared to R410A refrigerant. Therefore, the efficiency of R32 models is tremendously improved. COP for R32 models increases by an average of 10% compared to R410A models.

Average COP



R32 models achieved higher efficiency!

COP(W/W)



Design And Installation Flexibility

Installation Flexibility For Freedom Of Design

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

Series	50/60	85	100/125/140	160
Height (mm)	235	235	235	285
Width (mm)	1,203	1,553	1,903	1,903
Depth (mm)	680	680	680	680



680mm

Easy Service Maintenance

Switchable Fan Speed: 3 Steps And Auto

- High setting provides maximum reach.
- Low setting minimises draft.

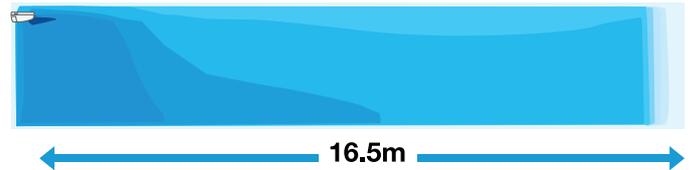


Horizontal And Vertical Air Swing

Airflow direction can be adjusted flexibly through horizontal and vertical louvers manually.

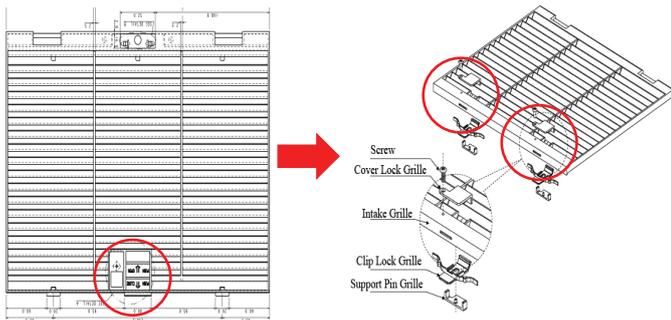
Far Air Throw

Maximum air throw distance up to 16.5m. (For 160 series)



Easy Service Maintenance

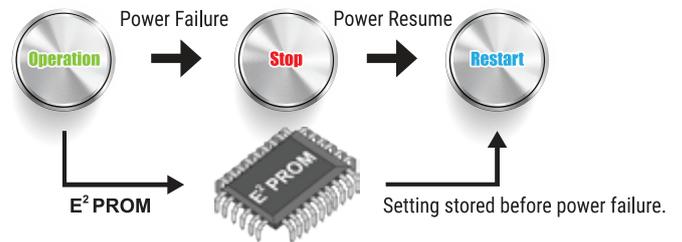
Air Return Grille



New Design - Easy to lock/unlock

Auto Random Restart With Last-State-Memory

- Once power resumes after a blackout, the unit will restart automatically at its last setting condition.
- This eliminates the need to restart manually after each power failure.



Optional Network Adaptor



This optional network adaptor together with "GO DAIKIN" app turns a smartphone into a remote controller that can be used inside or outside the home. Together, they help to not only save energy and maintain comfort but also eliminate any worries of forgetting to turn off your air conditioner!

Note: Certain app functions are optional.

New OUTDOOR Features



High Performance R32 Compressor

R32 Non Inverter SkyAir is utilizing high performance compressors to achieve high COP.



High Durability

Outdoor Casing : Adopted zinc coated heavy gauge galvanized steel, with exterior surfaces finished with a weather resistant polyester powder casing, painted with ivory white colour to increase durability.

Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins

Comes with standard blue fin outdoor unit's heat exchanger which are processed using a special anti-corrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to salt corrosion. *Higher Corrosion Resistance Gold Fin is available (Optional)*



Longer Piping Length

Series	Max Piping Length (m)	Max Piping Elevation (m)
25	25	15
35	25	15
50	35	20
60	35	20
85	50	30
100	50	30
125	50	30
140	50	30
160	50	30

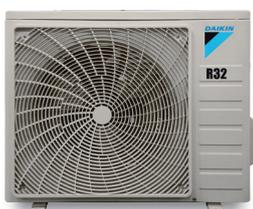
* Improved piping length to provide installation flexibility

Quiet Operation

Series		25	35	50	60	85	100	125	140	160
Sound Pressure Level (dBA)	R32 model	46	48	52	52	54	56	58	60	62
	R410A model	46	48	52	52	56	58	60	60	65

5+1 Years Warranty

Designed for durability and component quality, the units comes with 5 years warranty for compressor and 1 year warranty for general parts.



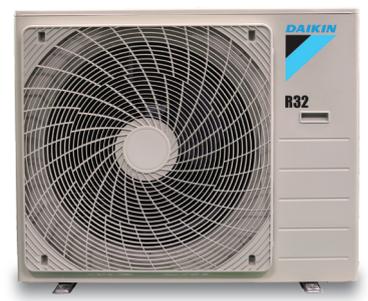
RC25/35B



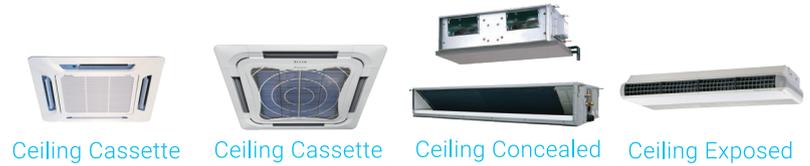
RC50/60B



RC85B



RC100/125/140/160B



		Ceiling Cassette	Ceiling Cassette	Ceiling Concealed	Ceiling Exposed
Comfort Airflow	1 4-way Airflow Operation	●	-	-	-
	2 8-way Airflow Operation	-	●	-	-
	3 Auto Fan Speed	● 3 step	● 4 step	● 3 step	● 3 step
	4 Indoor Unit Quiet Operation	●	●	-	-
	5 Auto Swing	●	●	-	●
	6 Powerful Mode	●	●	●	●
Operation	7 Program Dry Function	●	●	●	●
	8 Fan Only	●	●	●	●
Lifestyle Convenience	9 Indoor Unit ON/OFF Button	●	●	-	●
	10 Signal Receiving Sign	●	●	-	●
	11 R/C With Back Light (SHIRO)	Optional	Optional	Optional	Optional
Cleanliness	12 Gin ION Blue Filter	●	●	-	-
	13 Saranet Filter	-	-	Optional	●
	14 i-Plasma	●	●	-	-
	15 Washable Grille	●	●	-	●
Worry Free (Reliability & Durability)	16 Auto - Restart (After Power Failure)	●	●	●	●
	17 Self-Diagnosis (R/C, LED)	●	●	●	●
	18 Wiring Error Check Function	-	●	●	●
	19 Anti-Corrosion Treatment Outdoor Blue Fin	●	●	●	●
	20 Anti-Corrosion Treatment Of Outdoor Heat Exchanger (Gold Fin Optional)	Optional	Optional	Optional	Optional
Flexibility	21 ESP Selection	-	-	Optional*1	-
	22 Water Pump (Water Drainage Pipe Flexibility)	●	●	Optional	-
	23 F/°C Change over R/C Temperature Display (Factory Setting: °C)	●	●	●	●
Remote Control	24 WEEKLY TIMER (Wired Controller)	●	●	●	●
	25 24-Hour ON/OFF TIMER	●	●	●	●
	26 NIM Adaptor	Optional	Optional	Optional	Optional
	27 Sequential NIM Adaptor	Optional	Optional	Optional	Optional
	28 Network Adaptor (Smart Control) for Wireless Model	Built-In	Built-In	Optional*6	Optional
	29 Wireless	●	●	Optional*2	●
	30 Wired	Optional*3	Optional*4	●	Optional*5

- Not Available

● Standard

*1 Only applicable for Series FDMC50-160A

*2 Optional and requires the purchase of both wireless controller and wired controller in order to function

*3 Optional wired controller needs to be additionally purchased. When wired controller is installed, it will replace the network adaptor connection, removing smart control function

*4 Wired spec model does not come with built-in network adaptor. If wired controller is added to wireless built-in network adaptor model, it will replace the network adaptor connection, removing smart control function

*5 Optional and if unit installed with optional network adaptor, when wired controller is installed, it will replace the network adaptor connection, removing smart control function.

*6 This model comes with standard Wired controller. Optional NS Splitter (R50044157819) is required to be purchased in order to function.

Comfort Airflow

8 Way Airflow

Discharge of air in 8 directions provides an even air distribution and fast cooling

Auto Fan Speed

Airflow rate is automatically controlled in accordance with the difference between room temperature and set temperature.

Auto Swing

Delivers comfortable air-conditioning to all areas, near to and far from the air conditioner. Airflow direction can be fixed at user's desired angle by remote controller.

Indoor Quiet Operation

Reduce background noise with Quiet Mode, which decreases the sound pressure level by setting fan speed to lowest.

Powerful Mode

Once activated, this feature will engage the indoor fan motor to run at maximum speed for 20 minutes. The turbo airflow enables the desired temperature to be achieved faster, especially in larger spaces.

Operation

Program Dry Function

Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature. Useful for reducing uncomfortable humidity without uncomfortable cooling of the room.

Fan Only

Unit will only operate with fan which provides airflow without supply of cool air.

Lifestyle Convenience

Indoor Unit ON/OFF Button

Unit can be switched on by pressing physical ON/OFF button on unit.

Signal Receiving Sign

Indication can be seen when air conditioner is switched on.

Remote Controller With Back Light

Lit up display for SHIRO wired controller allows user to use in the dark.

Cleanliness

Gin ION Blue Filter

Filter that deactivates bacteria and inhibit fungal growth and able to trap dust in the air.

Saranet Filter

Filter functions as standard dust filtration to trap dust in the air.

i-Plasma

Our advanced plasma ion technology purifies and sterilizes the air by effectively removing airborne contaminants, as well as deactivating harmful bacteria by damaging their microbial DNA and surface structures without causing harm to human.

Washable Grille

Ceiling Cassette grille can be detached easily and washed.

Worry Free

Auto-Restart With Surge Protection

If there is a sudden power failure, the unit will automatically restart with 64 different recovery patterns according to its last settings. This also prevents a sudden surge of electricity to your power source.

Self – Diagnosis Function

This intelligent feature helps to detect faults of malfunctioning in the system. Warning can be found through display error code in wired LCD remote controller. This information can be found in Installation Manual.

Wiring Error Check Function

Protection to prevent wrong wiring connection for 3 phase models.

Anti Corrosion Treatment Outdoor Blue Fin (Standard)

Blue fin offers enhanced resistance of outdoor fin towards corrosion.

Anti-Corrosion Treatment Outdoor (Gold Fin)

Gold fin offers higher corrosion resistance than blue fin.

Flexibility

ESP Selection

2-different ESP can be easily selected by switching the connector inside the control box. According to duct design required for comfort, the adjustment can be done easily during installation at control box.

Water Pump

High head drain pump of 700mm that enables higher elevation.

°F/°C Changeover

Set temperature can be set to °F or °C on remote controller.

Control

WEEKLY TIMER (Wired Controller)

Up to five operation ON/OFF settings and temperature settings can be programmed per day and each day of the week.

24-Hour ON/OFF TIMER

Operation starts when the preset time of ON timer elapses and stops when preset time of the OFF timer elapses.

NIM Adaptor

Group control by Network Interface module (NIM) for simultaneous control of up to 16 indoor units.

S-NIM

Sequential control by Sequential Network Interface Module (S-NIM) for sequential control of 2 indoor units at alternate sequence of pre-set hour.

Built-In Network Adaptor (Smart Control)

Pre-installed network adaptor that enables control of indoor units using mobile devices through GO DAIKIN app.

NS Splitter

Device that enables the use of wired controller and network adaptor to function together.



FFC-A Series



FCC-A Series

Ceiling Cassette

Specifications

Model	Indoor unit		FFC25AV1MF	FFC35AV1MF	FCC50AV1MF	FCC60AV1MF	
	Outdoor unit		RC25BV1M	RC35BV1M	RC50BV1M	RC60BV1M	
	Decoration panel	Wireless	BF20CBMF	BF20CBMF	BC50FBMF	BC50FBMF	
Wired		-	-	BC50FBMW	BC50FBMW		
Rated Cooling Capacity	Btu/h		9,500	12,500	18,500	24,000	
	kW		2.78	3.66	5.42	7.03	
Total Power	W		927	1,115	1,680	2,130	
Total Current	A		4.10	4.94	7.46	9.45	
COP	W/W		3.00	3.29	3.23	3.30	
CSPF	Wh/Wh		3.19	3.49	3.43	3.50	
Power supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
Indoor	Airflow (H/M/L/Q)		cfm	410/360/330	410/360/330	840/700/560/440	890/760/620/490
	Sound Pressure Level (H/M/L/Q)		dBA	41/38/35	41/38/35	42/39/37/35	44/40/37/35
	Dimension (H x W x D)	Unit	mm	250 x 570 x 570	250 x 570 x 570	246 X 840 X 840	246 X 840 X 840
		With decortion panel	mm	316 x 630 x 630	316 x 630 x 630	305 X 950 X 950	305 X 950 X 950
	Unit Weight	Unit	kg	15.5	15.5	22	22
With decortion panel		kg	17.5	17.5	27	27	
Outdoor	Sound Pressure Level		dBA	46	48	52	52
	Dimension (H x W x D)		mm	550 X 658 X 273	550 X 658 X 273	615 X 845 X 300	615 X 845 X 300
	Unit Weight		kg	25	28	40	46
Pipe Connection Size	Liquid	mm	6.35	6.35	6.35	6.35	
Pipe Connection Size	Gas	mm	9.52	9.52	12.70	12.70	
Maximum Piping Length		m	25	25	35	35	
Maximum Piping Elevation		m	15	15	20	20	
Heat Insulation	Both Liquid and Gas Piping						

Model	Indoor unit		FCC85AV1MF	FCC100AV1MF	FCC125AV1MF	FCC140AV1MF	
	Outdoor unit		RC85BV1M	RC100BV1M	RC125BY1M	RC140BY1M	
	Decoration panel	Wireless	BC50FBMF	BC50FBMF	BC50FBMF	BC50FBMF	
Wired		BC50FBMW	BC50FBMW	BC50FBMW	BC50FBMW		
Rated Cooling Capacity	Btu/h		30,000	36,000	42,000	48,000	
	kW		8.79	10.55	12.31	14.07	
Total Power	W		2,710	3,150	3,620	4,100	
Total Current	A		12.10	14.30	6.78	7.59	
COP	W/W		3.24	3.35	3.40	3.43	
CSPF	Wh/Wh		3.44	3.56	3.61	3.64	
Power supply	V/Ph/Hz		220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	
Indoor	Airflow (H/M/L/Q)		cfm	890/760/620/490	1,120/1,030/890/760	1,120/1,030/890/760	1,120/1,030/890/760
	Sound Pressure Level (H/M/L/Q)		dBA	44/40/37/35	48/46/43/40	48/46/43/40	48/46/43/40
	Dimension (H x W x D)	Unit	mm	246 X 840 X 840	288 X 840 X 840	288 X 840 X 840	288 X 840 X 840
		With decortion panel	mm	305 X 950 X 950	347 X 950 X 950	347 X 950 X 950	347 X 950 X 950
	Unit Weight	Unit	kg	22	25	25	25
With decortion panel		kg	27	30	30	30	
Outdoor	Sound Pressure Level		dBA	54	56	58	60
	Dimension (H x W x D)		mm	695 X 930 X 350	852 X 1,030 X 400	852 X 1,030 X 400	852 X 1,030 X 400
	Unit Weight		kg	53	62	79	84
Pipe Connection Size	Liquid	mm	9.52	9.52	9.52	9.52	
Pipe Connection Size	Gas	mm	15.88	15.88	15.88	15.88	
Maximum Piping Length		m	50	50	50	50	
Maximum Piping Elevation		m	30	30	30	30	
Heat Insulation	Both Liquid and Gas Piping						

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.
4. Sound pressure levels are measured in anechoic chamber according to JIS C 9612 standard and JIS B 8616. During actual operation, sound pressure level will be higher as a result of room specification condition.
5. RC100AV1M and RC125/140AY1M are equipped with contactor for Direct On Line (DOL) field installation.



FDBC-A Series



FDMC-A Series

Ceiling Concealed

Specifications

Model		Indoor unit		FDBC25AV1M	FDBC35AV1M	FDMC50AV1M	FDMC60AV1M
		Outdoor unit		RC25BV1M	RC35BV1M	RC50BV1M	RC60BV1M
Rated Cooling Capacity		Btu/h		9,000	12,000	18,500	23,500
		kW		2.64	3.52	5.42	6.89
Total Power		W		926	1,220	1,750	2,290
Total Current		A		4.26	5.60	7.74	10.30
COP		W/W		2.95	3.08	3.10	3.01
CSPF		Wh/Wh		3.13	3.27	3.29	3.20
Power supply		V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Indoor	Airflow (H/M/L)		cfm	320/290/240	510/460/350	590/525/430	590/525/430
	External Static Pressure (Std/High)		Pa	10	10	30/50	30/50
	Sound Pressure Level (H/M/L)		dBA	32/30/26	36/33/29	40/37/34	40/37/34
	Dimension (H x W x D)	Unit	mm	261 x 765 x 411	261 x 905 x 411	250 X 700 X 700	250 X 700 X 700
	Unit Weight	Unit	kg	18	22	24	24
Outdoor	Sound Pressure Level		dBA	46	48	52	52
	Dimension (H x W x D)		mm	550 x 658 x 273	550 x 658 x 273	615 X 845 X 300	615 X 845 X 300
	Unit Weight		kg	25	28	40	46
Pipe Connection Size	Liquid	mm	6.35	6.35	6.35	6.35	
Pipe Connection Size	Gas	mm	9.52	9.52	12.70	12.70	
Maximum Piping Length		m	25	25	35	35	
Maximum Piping Elevation		m	15	15	20	20	
Heat Insulation		Both Liquid and Gas Piping					

Model		Indoor unit		FDMC85AV1M	FDMC100AV1M	FDMC125AV1M	FDMC140AV1M	FDMC160AV1M
		Outdoor unit		RC85BV1M	RC100BV1M	RC125BY1M	RC140BY1M	RC160BY1M
Rated Cooling Capacity		Btu/h		30,000	36,000	42,000	48,000	55,000
		kW		8.79	10.55	12.31	14.07	16.12
Total Power		W		2,770	3,200	3,660	4,100	4,950
Total Current		A		12.40	14.80	6.85	7.51	8.73
COP		W/W		3.17	3.30	3.36	3.43	3.26
CSPF		Wh/Wh		3.37	3.50	3.57	3.64	3.46
Power supply		V/Ph/Hz		220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Indoor	Airflow (H/M/L)		cfm	950/810/700	1,260/1,095/920	1,260/1,095/920	1,260/1,095/920	1,400/1,280/1,120
	External Static Pressure (Std/High)		Pa	30/50	50/80	50/80	50/80	50/60
	Sound Pressure Level (H/M/L)		dBA	41/38/35	42/39/36	42/39/36	42/39/36	43/42/39
	Dimension (H x W x D)	Unit	mm	250 X 1,000 X 700	250 X 1,400 X 700			
	Unit Weight	Unit	kg	31	40	40	42	44
Outdoor	Sound Pressure Level		dBA	54	56	58	60	62
	Dimension (H x W x D)		mm	695 X 930 X 350	852 X 1,030 X 400			
	Unit Weight		kg	53	62	79	84	94
Pipe Connection Size	Liquid	mm	9.52	9.52	9.52	9.52	9.52	
Pipe Connection Size	Gas	mm	15.88	15.88	15.88	15.88	19.05	
Maximum Piping Length		m	50	50	50	50	50	
Maximum Piping Elevation		m	30	30	30	30	30	
Heat Insulation		Both Liquid and Gas Piping						

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO13253.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.
4. Sound pressure levels are measured in anechoic chamber according to JIS C 9612 standard and JIS B 8616. During actual operation, sound pressure level will be higher as a result of room specification condition.
5. RC100AV1M and RC125/140AY1M are equipped with contactor for Direct On Line (DOL) field installation.



Ceiling Exposed Specifications

FHC-A Series

Model		Indoor unit		FHC50AV1M	FHC60AV1M	FHC85AV1M	
		Outdoor unit		RC50BV1M	RC60BV1M	RC85BV1M	
Rated Cooling Capacity				Btu/h	18,500	23,500	29,500
				kW	5.42	6.89	8.65
Total Power				W	1,785	2,220	2,860
Total Current				A	8.05	9.88	12.80
COP				W/W	3.04	3.10	3.02
CSPF				Wh/Wh	3.23	3.29	3.21
Power supply				V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Indoor	Airflow (H/M/L)			cfm	620/600/490	620/600/490	830/730/625
	Sound Pressure Level (H/M/L)			dBA	47/46/43	47/46/43	48/45/42
	Dimension (H x W x D)	Unit		mm	235 X 1,203 X 680	235 X 1,203 X 680	235 X 1,553 X 680
	Unit Weight	Unit		kg	33	33	41
Outdoor	Sound Pressure Level			dBA	52	52	54
	Dimension (H x W x D)			mm	615 X 845 X 300	615 X 845 X 300	695 X 930 X 350
	Unit Weight			kg	40	46	53
Pipe Connection Size	Liquid		mm	6.35	6.35	9.52	
Pipe Connection Size	Gas		mm	12.70	12.70	15.88	
Maximum Piping Length				m	35	35	50
Maximum Piping Elevation				m	20	20	30
Heat Insulation				Both Liquid and Gas Piping			

Model		Indoor unit		FHC100AV1M	FHC125AV1M	FHC140AV1M	FHC160AV1M	
		Outdoor unit		RC100BV1M	RC125BY1M	RC140BY1M	RC160BY1M	
Rated Cooling Capacity				Btu/h	36,000	42,000	46,000	55,000
				kW	10.55	12.31	13.48	16.12
Total Power				W	3,250	3,860	4,300	5,500
Total Current				A	14.70	7.14	7.93	9.62
COP				W/W	3.25	3.19	3.14	2.93
CSPF				Wh/Wh	3.45	3.39	3.33	3.11
Power supply				V/Ph/Hz	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Indoor	Airflow (H/M/L)			cfm	1,125/1,030/960	1,125/1,030/960	1,125/1,030/960	1,460/1,390/1,150
	Sound Pressure Level (H/M/L)			dBA	52/50/48	52/50/48	52/50/48	55/53/50
	Dimension (H x W x D)	Unit		mm	235 X 1,903 X 680	235 X 1,903 X 680	235 X 1,903 X 680	285 X 1,903 X 680
	Unit Weight	Unit		kg	50	50	50	60
Outdoor	Sound Pressure Level			dBA	56	58	60	62
	Dimension (H x W x D)			mm	852 X 1,030 X 400			
	Unit Weight			kg	62	79	84	94
Pipe Connection Size	Liquid		mm	9.52	9.52	9.52	9.52	
Pipe Connection Size	Gas		mm	15.88	15.88	15.88	19.05	
Maximum Piping Length				m	50	50	50	50
Maximum Piping Elevation				m	30	30	30	30
Heat Insulation				Both Liquid and Gas Piping				

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.
4. Sound pressure levels are measured in anechoic chamber according to JIS C 9612 standard and JIS B 8616. During actual operation, sound pressure level will be higher as a result of room specification condition.
5. RC100AV1M and RC125/140AY1M are equipped with contactor for Direct On Line (DOL) field installation.

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