DAIKIN

SKY-0523-B

R32

SkyAir

Single-Split Inverter & 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.
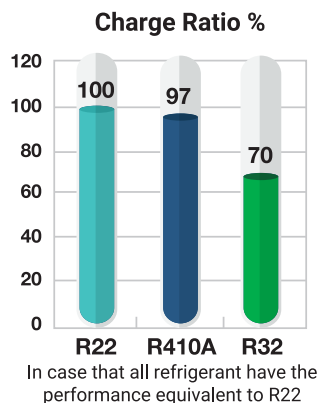
Less Impact On Global Warming

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 (OPD), 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.

Charge Ratio %

R22	R410A	R32
100	97	70

In case that all refrigerant have the performance equivalent to R22
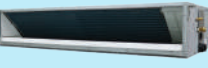
Easy Maintenance and Serviceability

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

② Product Lineup

Inverter Series

Inverter Series	25	35	50	60	71
Ceiling Cassette Smart Control			FCFC50AV1MF	FCFC60AV1MF	FCFC71AV1MF
Ceiling Concealed Middle Static Pressure Type			FDMFC50AV1M	FDMFC60AV1M	FDMFC71AV1M
Ceiling Exposed Type			FHFC50AV1	FHFC60AV1	FHFC71AV1
Outdoor Unit			RZFC50BGVMM	RZFC60BGVMM	RZFC71BGVMM
Power Supply			Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz

Non-Inverter Series

Non-Inverter Series	25	35	50	60	71
Ceiling Cassette Type Smart Control	FFC25AV1MF	FFC35AV1MF	FCC50AV1MF	FCC60AV1MF	
Ceiling Concealed Low / Middle Static Pressure Type	FDBC25AV1M	FDBC35AV1M	FDMC50AV1M	FDMC60AV1M	
Ceiling Exposed Type			FHC50AV1M	FHC60AV1M	
Outdoor Unit	RC25BV1M	RC35BV1M	RC50BV1M	RC60BV1M	
Power Supply	Indoor 220-240V / 1 Phase / 50Hz	Indoor 220-240V / 1 Phase / 50Hz	Indoor 220-240V / 1 Phase / 50Hz	Indoor 220-240V / 1 Phase / 50Hz	

85	100	125	140	160
FCFC85AV1MF	FCFC100AV1MF	FCFC125AV1MF	FCFC140AV1MF	
FDMFC85AV1M	FDMFC100AV1M	FDMFC125AV1M	FDMFC140AV1M	
FHFC85AV1	FHFC100AV1	FHFC125AV1	FHFC140AV1	
RZFC85BVMM	RZFC100AVMM	RZFC125AY1M	RZFC140BY1M	
Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	
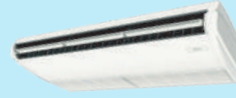
85	100	125	140	160
FCC85AV1MF	FCC100AV1MF	FCC125AV1MF	FCC140AV1MF	
FDMC85AV1M	FDMC100AV1M	FDMC125AV1M	FDMC140AV1M	FDMC160AV1M
FHC85AV1M	FHC100AV1M	FHC125AV1M	FHC140AV1M	FHC160AV1M
RC85BV1M	RC100BV1M9	RC125BY1M9	RC140BY1M9	RC160BY1M9
Indoor 220-240V / 1 Phase / 50Hz	Outdoor 220-240V / 1 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz	Outdoor 380-415V / 3 Phase / 50Hz
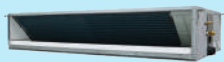
Stay In Control. No Matter Where You Are.

Smart Control

GO DAIKIN

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!

  * Inverter models will be able to view in kW and estimated monetary value while Non-Inverter to view compressor running hours only.

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.

GO DAIKIN

Restaurant
Weekly Scheduling[4] allows for systemetic 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.

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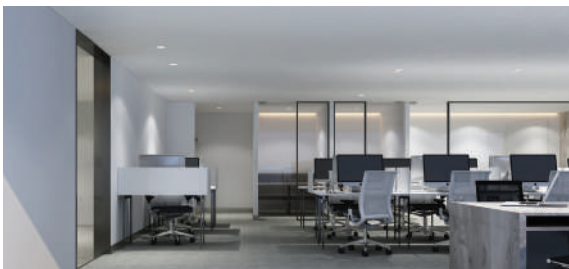
Office
Group Control grants office admins the power to control multiple Air Conditioner in various rooms, section and floors of the office with just a press of a button, thus removing the need to walk across the whole office and individually control each A/C.

Home
Out-of Home[4] 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- FCFC-A, FFC-A, FCC-A
Optional: Ceiling Concealed: FDMFC-A, FDBC-A, FDMC-A,
Ceiling Exposed: FHC-A

Internet

Wireless Router
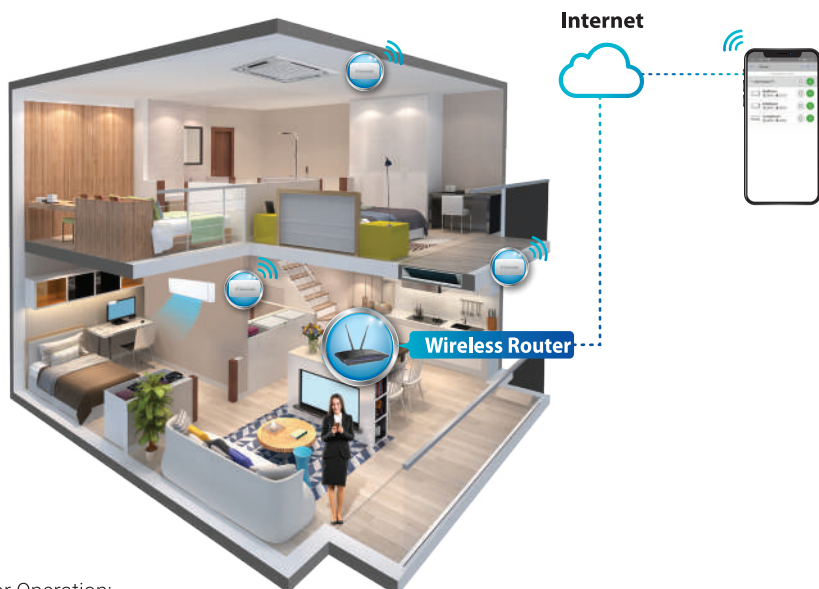
Functions
- Start/stop operation
- Set operation mode
- Set room temperature
- Set fan speed
- Set airflow direction[3]
- Monitor current room temperature[4]
- Countdown timer[4]
- Error code
- User sharing
- Set weekly timer[4]
  - Start/stop operation
  - Operation mode and room temperature

  (maximum of six actions per day, 42 actions in total)

Required for Operation:

DAIKIN — Network Adaptor AWM61A01 **+** Android™ Phone or iPhone **+** GO DAIKIN App (free) / GO DAIKIN **+** Wireless Router **+** Internet

Available At:

Download on the **App Store** — iOS 9.0 or above

GET IT ON **Google Play** — Android 5.0 or above

EXPLORE IT ON HUAWEI **AppGallery** — Android 5.0 or above

3 Simple Steps For Unit Pairing

STEP1

Download GO DAIKIN App

GO DAIKIN — Available On — Download on the App Store — GET IT ON Google Play

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.

Scan Your Daikin AC QR Code Here

STEP 3

Voila! 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.

Google Home/Nest Devices

Amazon Alexa Devices

Setup for Voice Control

Scan to view setup guide

Scan to view setup guide

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

Non-Inverter
FFC25-35AV1MF
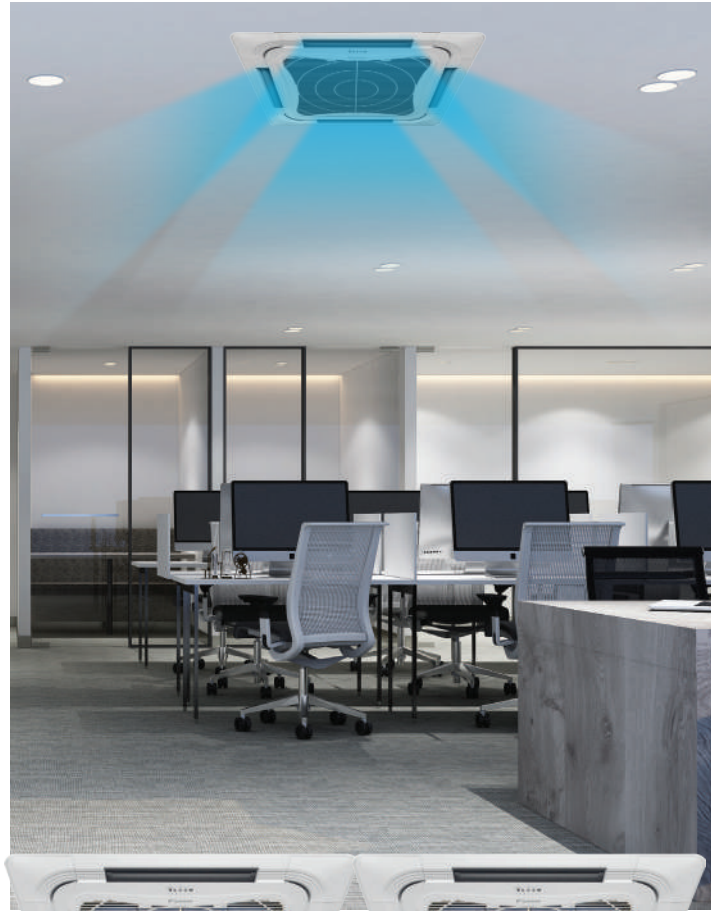
Inverter
FCFC50-140AV1MF

Non-Inverter
FCC50-140AV1MF

DGS01

Compact Wireless Remote Controller

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

DSLM8

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

* When wired controller is installed, it will replace the network adaptor connection, removing smart control function.

Product Features

Substances can be collected and deactivate by filter:
Viruses · Bacteria · Allergen · Mould · Odour

Gin ION Blue Filter

This filter is treated with a positively charged silver ion (supplied as standard for FCFC, 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.

Decomposition of viruses (TCID50/ml)

Effective Rate > 99.9%

Filter WITHOUT antivirus → Filter WITH antivirus

Reduction of bacteria

Reduced > 99.99%

Filter WITHOUT antivirus → Filter WITH antivirus

Test Measuring Method: Textites -Determination of antiviral activity of textile products (ISO 18184-2014)
Testing Organization : GuangDong Detection Center of Microbiology
Test Number : 2020FM24347R01, 2020FM26047R01
Test Result : The effectiveness rate of virus decomposition is increased by more than 99.9% in 2 hours.
more to 99.9% in 2 hours.

Test Measuring Method: Test for antimicrobial activity of plastic (JIS Z 2801 : 2010)
Testing Organization : GuangDong Detection Center of Microbiology
Test Number : 2021FM05003R01E
Test Result : The effectiveness rate of bacterial reduction is more than 99.99% in 24 hours.
24 hours.

	Tested Specimen	Test Result	Test Organisation	Test Report
Virus	Influenza H1N1	99.94% in 2 hours	Guangdong detection center of microbiology	No.2020FM24347R01
	"Chicken Coronavirus Infectious bronchitis Virus"	99.94% in 2 hours	Guangdong detection center of microbiology	No.2020FM26047R01
Bacteria	Escherichia Coli	> 5.9 (99.99987%)	Guangdong detection center of microbiology	No.2021FM05003R01E
	Staphylococcus aureus	> 4.7 (99.99749%)		
Fungus	"Aspergillus niger, Penicillium pinophilum, Trichoderma viride, Chaetomium globosum, Poecilomyces variotii"	"Grade 0 (no fungus visible under microscope)"	Guangdong detection center of microbiology	No.2021FM05004R01E

Better Indoor Air Quality
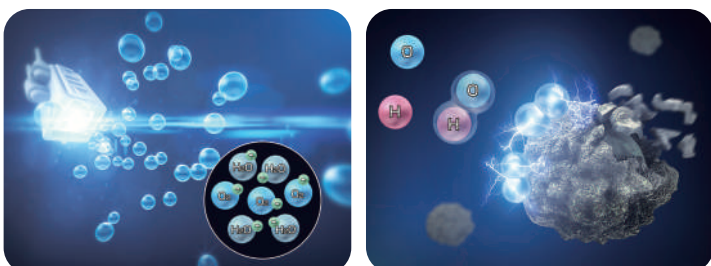
Advanced i-Plasma Technology

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."
* Only for Non-Inverter models

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.
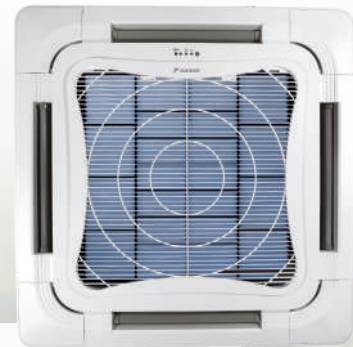
Malaysia

Good design

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

Cassette Panel
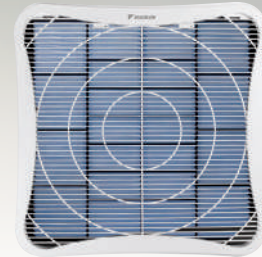
Intake Grille

Smart Control

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.
Built in WiFi – Inverter (FCFC-A), Non-Inverter (FFC-A, FCC-A)

Low Height and New Design for Flexible Application

Non-Inverter – FDBC25/35AV1M   Inverter – FDMFC50-140AV1M   Non-Inverter - FDMC50-140AV1M

DSLM8

Slim Wired Remote Controller

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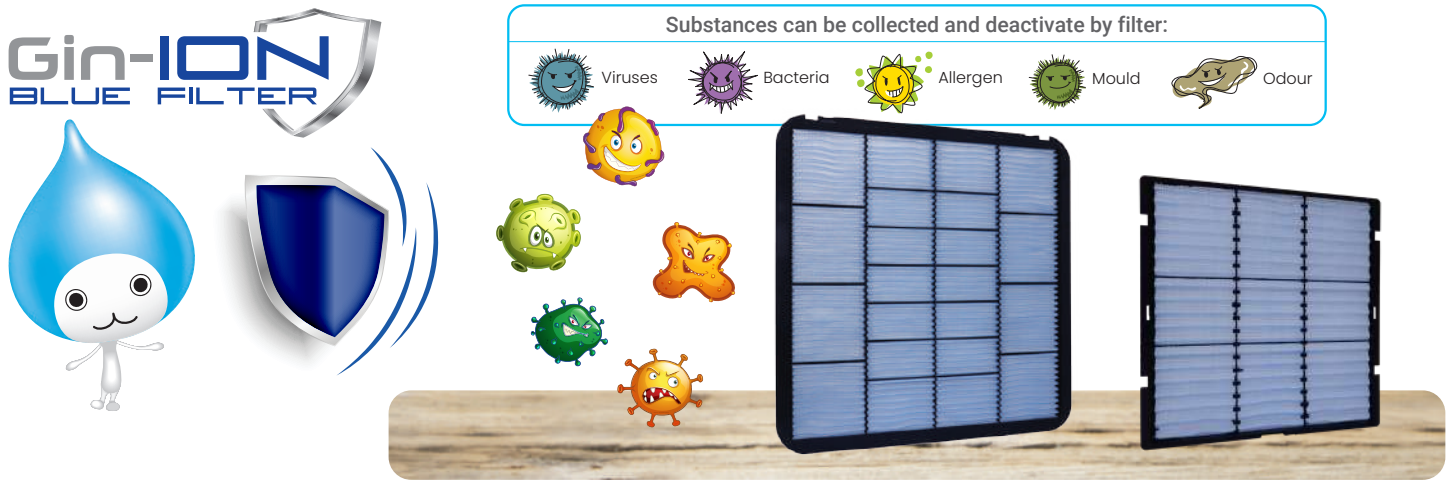- Comes with 10m wired cable

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.

Design And Installation Flexibility (For 50-160 Series 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

250mm

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 in according to building structures.

Rear return   Bottom return

Air Suction flange

Switch bottom plate
with air suction flange

Control box

Rear bottom panel

Air suction flange

Rear bottom panel

unit   joist

Air suction

ceiling
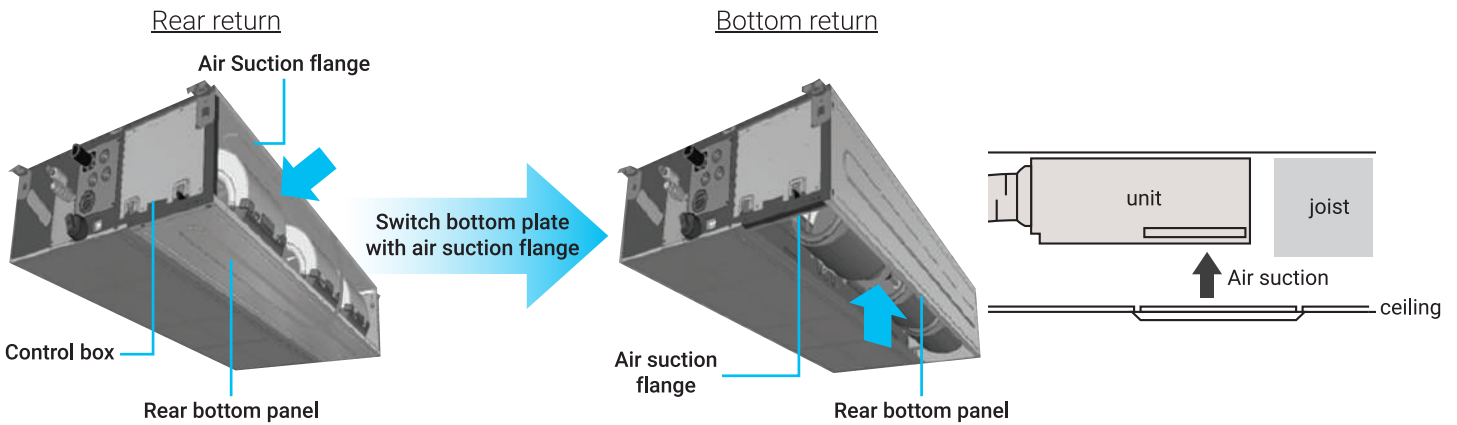
Comfort

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.

HIGH ▶ MEDIUM ▶ LOW

Easy Selectable External Static Pressure (ESP) (For 50-160 Series 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

Labeled (SH)
Changeable ESP

Control Box

Interchangeable

Preset ESP
Labeled (H)

Left side of Unit
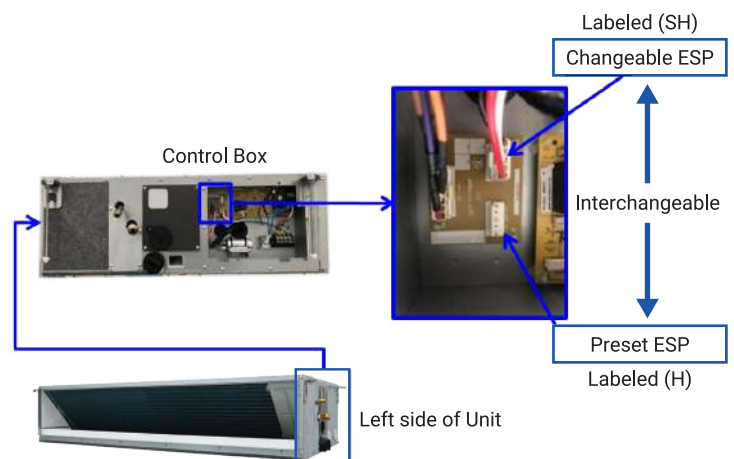
What is ESP (External Static Pressure)	External Static Pressure is the measurement of the total resistance in a duct system that the fan has to work against.

Easy Service Maintenance (For 50-160 Series Only)

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.

Mid Flange
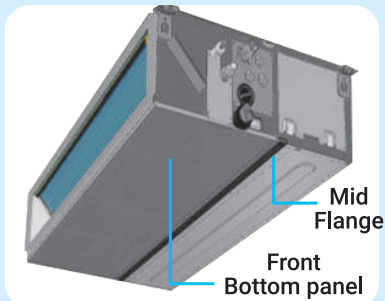
Front Bottom panel

1. Unscrew the front bottom panel and mid flange
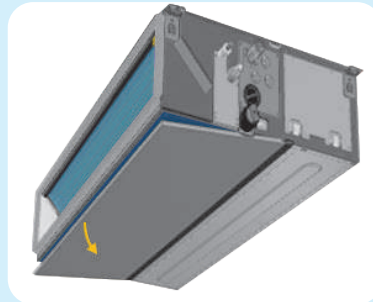
2. Slowly remove the front bottom panel and mid flange

Heat Exchanger

Drain Pan

5. Drain pan is successfully removed.

4. Free the drain pan by pulling it outwards.

3. Pull the drain pan downwards from the middle section.

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.
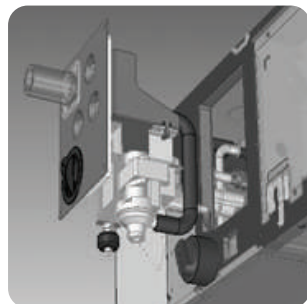
Part Number: BDU511A160V1

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

Part Number: R03084037810 (FDBC25A), R03084037811 (FDBC35A)
3P557870-1 (50-60 Series), 3P557868-1 (71-85 Series)
3P557863-1 (100-160 Series)

Smart Control (Optional)

DAIKIN

**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, FDBC-A, FDMC-A, FHC-A, FCFC-A and FDMFC-A

Comfortable airflow travels throughout the room

Inverter FHFC50/60/71/85AV1
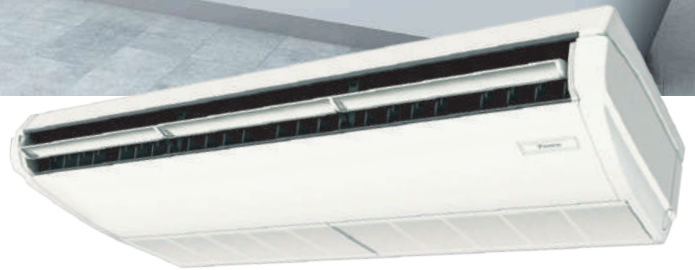
Inverter FHFC100/125/140AV1

BRC7GA56

Signal receiver unit
(Installed type)
* FHFC100-140A only

BRC7EA66-9

Signal receiver unit
(Installed type)
* FHFC50-85A only

BRC2E61

Wireless Remote Controller (Optional)

- Supplied in a set with signal receiver
- Comprehensive functions display

Simplified Remote Controller (Optional)

- Simple Operation (easy and direct access to basic functions)
- Intuitive Design (user friendly interface)
- Extremely compact and complements any interior design

- *Both wired and wireless controllers are to be purchased separately as accessory

The Latest Stylish Model

Sophisticated design

Flap neatly closes when not in use (100-140 class).

White colour

Comfortable

Wide angle airflow

The technology of the DC fan motor (100-140 class), wide sirocco fan, and large heat exchanger combine for greater air flow and quiet operation.

Auto swing (up and down) and louvers (left and right by hand) bring comfort to the room

Louver manually adjusts for straight or wide angle airflow.
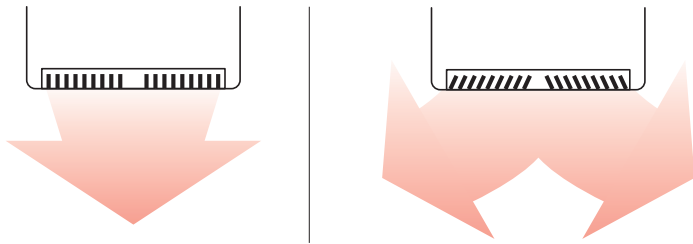
Suitable for high ceilings

3.5 m

50-85A

4.3 m
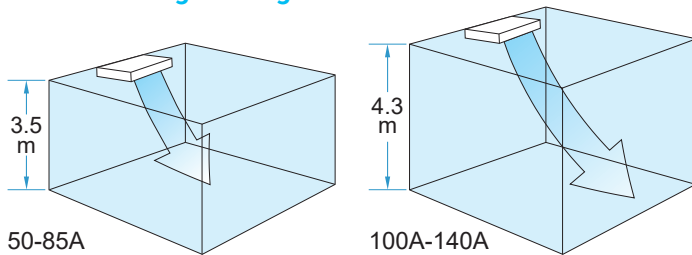
100A-140A

	50-85A	100A	125/140A
Standard	2.7m or less	3.8m or less	4.3m or less
High ceiling	2.7m~3.5m	3.8m~4.3m	-

Note: Factory settings is "standard". "High ceiling" are set with remore controller by field setting.

Switchable fan speed:

- 2 steps (50-85 class)
- 3 steps and Auto (100-140 class)
Auto airflow rate is available when wired remote controller BRC2E61 is used

Installation Flexibility for Freedom of Design

Flexible installation

The unit fits more snugly into tight spaces.

30 mm or more

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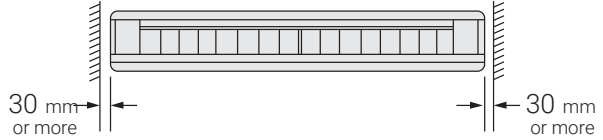
*   Water used in the test-run can be drained from the air discharge opening rather than from the side as was formerly the case.

Drain pump kit (optional) ttcan be easily incorporated

Drain pipe connection can be done inside the unit. Refrigerant and drain pipe outlets are at the same opening.

600 mm

Drain pump kit (built inside the unit)
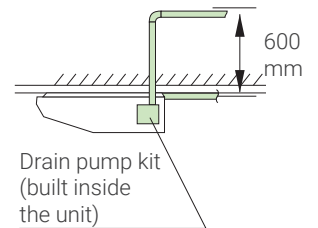
DIII-NET communication standard

Connection to a centralised control system is available without option (100-140 class).

50-85 class requires an optional adaptor.

All wiring and internal servicing can be done from under the unit

Easier piping work for rear side by removable frame (100-140 class).
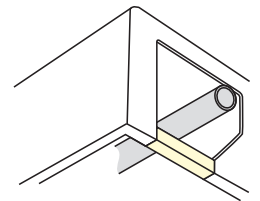
Easy Maintenance

Drain pump kit (optional) includes a silver ion antibacterial agent that assists in preventing the growth of slime, bacteria, and mould that cause smells and clogging

Non-flocking flap

Condensation does not easily form on and dirt does not cling to non-flocking flap.

It is easy to clean.

Non-flocking flap

Easy-clean, flat surfaces

It is easy to wipe dirt off the flat side and lower surfaces of the unit.

Oil Resistant Grille

Oil-resistant plastic is used for the air suction grille. This satisfies durability in restaurants and other similar environments.

Note: Intended for use in salons, dining rooms and ordinary sales floors. This specification is not suitable for kitchens or other harsh environments.

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

Non-Inverter FHC50-140AV1M

DGS01

Compact Wireless Remote Controller

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

DSLM8

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

Easy Service Maintenance

Switchable Fan Speed: 3 Steps And Auto
• High setting provides maximum reach.
• Low setting minimises draft.

HIGH ▸ **MEDIUM** ▸ **LOW**

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)

16.5m
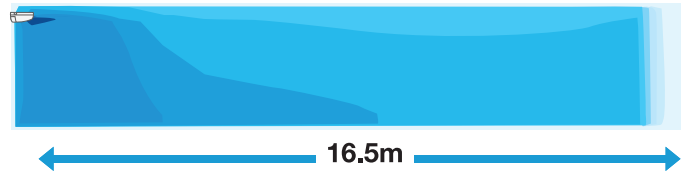
Easy Service Maintenance

Air Return Grille

Screw
Cover Lock Grille
Intake Grille
Clip Lock Grille
Support Pin Grille
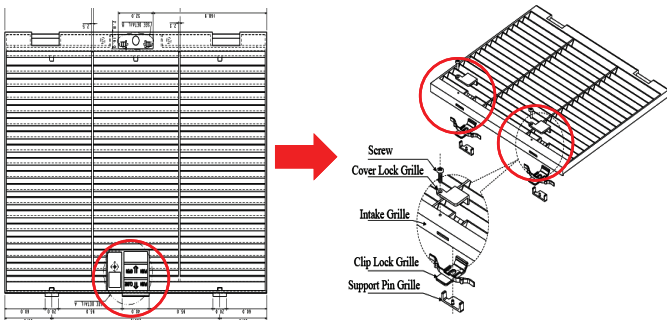
New Design - Easy to lock/unlock

Auto Random Restart With Last-State-Memory
• Once power resumes after a blackout, the unit will restart automatically at its last setting condition.
• This eliminate the need to restart manually after each power failure.

Power Failure   Power Resume

Operation   Stop   Restart

E² PROM   E² PROM   Setting stored before power failure.
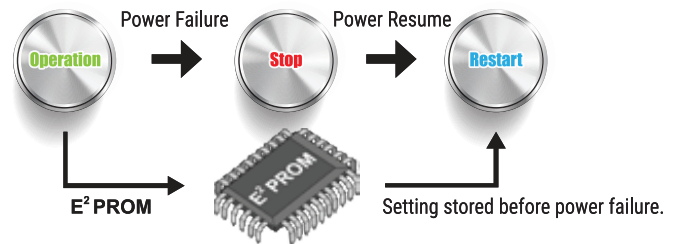
Smart Control (Optional)

GO DAIKIN   **AWM61A01**

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.

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

New OUTDOOR Features

Inverter

Anti-Corrosion Treatment of Outdoor Heat Exchanger Fins

Comes with standard gold fin heat exchanger (RZFC50-71) and aluminium alloy microchannel heat exchanger (RZFC85-140).

Micro channel coil

Flat, multi-hole aluminium heat exchanger tubes

The diameter of the refrigerant channel (holes where refrigerant flows) is approx. 1mm.

Approx. 1mm
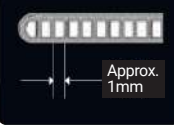
Flow of refrigerant

Refrigerant Cooling (RZFC125-140 only)

Daikin's unique refrigerant cooling system helps to protect the printed circuit board and maintains high cooling capacity even during high outdoor temperatures.
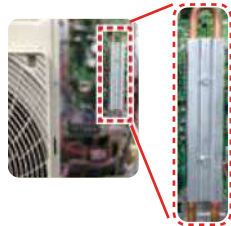
Coated Printed Circuit Boards (PCB)

Coated PCB prevent problems caused by humidity and airborne dust. It also protects against salt contained in sea breezes. Both side of the PCB in outdoor units are coated.

RZFC50/60/71   RZFC85/100   RZFC125-140

Non- Inverter

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)*

RC25/35B

RC50/60B

RC85B

RC100/125/140/160B

		Ceiling Cassette (2X2)	Ceiling Cassette (3X3)	Ceiling Concealed	Ceiling Exposed
Technology	Inverter	-	FCFC-A	FDMFC-A	FHFC-A
	Non-Inverter	FFC-A	FCC-A	FDBC-A; FDMC-A	FHC-A
Comfort Airflow	1 4-way Airflow Operation	●	–	–	–
	2 8-way Airflow Operation	–	●	–	–
	3 Auto Fan Speed	● 3 step	● 4 step	● 3 step	● 2 Step (FHFC50-85A) ● 3 Step (FHFC100-140A & FHC-A)
	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 (Non-Inverter Only)
Cleanliness	12 Gin ION Blue Filter	●	●	–	–
	13 Saranet Filter	–	–	Optional	●
	14 i-Plasma	●	● (Non-Inverter Only)	–	–
	15 Washable Grille	●	●	–	●
Worry Free (Reliability & Durability)	16 Auto - Restart (After Power Failure)	●	●	●	●
	17 Self-Diagnosis (RIC, LED)	●	●	●	●
	18 Wiring Error Check Function	–	●	●	●
	19 Outdoor Blue Fin	●	● (Non-Inverter Only)	● (Non-Inverter Only)	● (Non-Inverter Only)
	20 Outdoor Gold Fin	Optional	● (Inverter 50-71) Optional: Non-Inverter	● (Inverter 50-71) Optional: Non-Inverter	● (Inverter 50-71) Optional: Non-Inverter
	21 Outdoor Microchannel	–	● (Inverter 85-140)	● (Inverter 85-140)	● (Inverter 85-140)
Flexibility	22 ESP Selection	–	–	Optional[1]	–
	23 Water Pump (Water Drainage Pipe Flexibility)	●	●	Optional	Optional (Inverter Only)
	24 F/°C Change over R/C Temperature Display (Factory Setting: °C)	●	●	●	●
Remote Control	25 WEEKLY TIMER (Wired Controller)	●	●	●	● (Non-Inverter Only)
	26 24-Hour ON/OFF TIMER	●	●	●	●
	27 Network Adaptor (Smart Control) for Wireless Model	● Build-In	● Build-In	Optional[4]	Optional: Non-Inverter
	29 Wireless	●	●	Optional[2]	●
	30 Wired	Optional[3]	Optional[3]	●	●

-   Not Available
●   Standard
[1]   Only applicable for Series FDMC50-160A and FDMFC50-140A.
[2]   Optional and requires the purchase of both wireless controller and wired controller in order to function.
[3]   When optional wired controller is installed, it will replace the network adaptor connection, removing smart control function.
     Optional NS Splitter (R50044157819) can be added to get smart control function.
[4]   This model comes with standard Wired controller. Optional NS Splitter (R50044157819) is required to be purchased to get smart control 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.

Outdoor Blue Fin
Blue fin offers enhanced resistance of outdoor fin towards corrosion.

Outdoor Gold Fin
Gold fin offers higher corrosion resistance than blue fin.

Outdoor Microchannel
Corrosion resistant full aluminium alloy microchannel heat exchanger.

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.

Built-In Network Adaptor (Smart Control)
Pre-installed network adaptor that enables control of inndoor units using mobile devices through GO DAIKIN app.

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

Inverter

Ceiling Cassette

FCFC A-Series

Specifications

Model			FCFC50AV1MF	FCFC60AV1MF	FCFC71AV1MF	FCFC85AV1MF
	Indoor unit		FCFC50AV1MF	FCFC60AV1MF	FCFC71AV1MF	FCFC85AV1MF
	Outdoor unit		RZFC50BGVMM	RZFC60BGVMM	RZFC71BGVMM	RZFC85BVMM
	Decoration panel	Wireless	BCR50FMF	BCR50FMF	BCR50FMF	BCR50FMF
		Wired	BCR50FMW	BCR50FMW	BCR50FMW	BCR50FMW
Rated Cooling Capacity (Min-Max)		Btu/h	18,500 (7,800-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	30,000 (14,300-34,100)
		kW	5.42 (2.30-5.60)	6.00 (2.60-6.30)	7.10 (3.20-8.00)	8.79 (4.20-10.00)
Total Power		W	1,680	1,960	2,070	2,710
Total Current		A	7.37	8.55	9.07	12.00
CSPF		Wh/Wh	4.47	4.34	4.78	4.67
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	890/760/620/490	890/760/620/490	890/760/620/490	890/760/620/490
	Sound Pressure Level (H/M/L/Q)	dBA	44/40/37/35	44/40/37/35	44/40/37/35	44/40/37/35
	Dimension (H x W x D) — Unit	mm	246 X 840 X 840	246 X 840 X 840	246 X 840 X 840	246 X 840 X 840
	Dimension (H x W x D) — With decoration panel	mm	305 X 950 X 950	305 X 950 X 950	305 X 950 X 950	305 X 950 X 950
	Unit Weight — Unit	kg	22	22	22	22
	Unit Weight — With decoration panel	kg	27	27	27	27
Outdoor	Sound Pressure Level	dBA	52	52	52	53
	Dimension (H x W x D)	mm	615 X 845 X 300	615 X 845 X 300	615 X 845 X 300	695 X 930 X 350
	Unit Weight	kg	37	37	37	40
Pipe Connection Size	Liquid	mm	6.40	6.40	9.50	9.50
Pipe Connection Size	Gas	mm	12.70	12.70	15.90	15.90
Maximum Piping Length		m	30	30	30	50
Maximum Piping Elevation		m	15	15	15	30
Heat Insulation			Both Liquid & Gas Piping			

Model			FCFC100AV1MF	FCFC125AV1MF	FCFC140AV1MF
	Indoor unit		FCFC100AV1MF	FCFC125AV1MF	FCFC140AV1MF
	Outdoor unit		RZFC100AVMM	RZFC125AY1M	RZFC140BY1M
	Decoration panel	Wireless	BCR50FMF	BCR50FMF	BCR50FMF
		Wired	BCR50FMW	BCR50FMW	BCR50FMW
Rated Cooling Capacity (Min-Max)		Btu/h	36,000 (17,100-38,200)	42,000 (19,500-47,800)	48,000 (21,200-52,900)
		kW	10.55 (5.00-11.20)	12.31 (5.70-14.00)	14.07 (6.20-15.50)
Total Power		W	3,470	4,215	5,455
Total Current		A	15.30	6.48	8.38
CSPF		Wh/Wh	4.68	4.29	4.10
Power supply		V/Ph/Hz	220-240/1/50	380-415/3/50	380-415/3/50
Indoor	Airflow (H/M/L/Q)	CFM	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	48/46/43/40	48/46/43/40	48/46/43/40
	Dimension (H x W x D) — Unit	mm	288 X 840 X 840	288 X 840 X 840	288 X 840 X 840
	Dimension (H x W x D) — With decoration panel	mm	347 X 950 X 950	347 X 950 X 950	347 X 950 X 950
	Unit Weight — Unit	kg	25	25	25
	Unit Weight — With decoration panel	kg	30	30	30
Outdoor	Sound Pressure Level	dBA	54	54	56
	Dimension (H x W x D)	mm	695 X 930 X 350	990 X 940 X 320	990 X 940 X 320
	Unit Weight	kg	40	62	62
Pipe Connection Size	Liquid	mm	9.50	9.50	9.50
Pipe Connection Size	Gas	mm	15.90	15.90	15.90
Maximum Piping Length		m	50	50	50
Maximum Piping Elevation		m	30	30	30
Heat Isulation			Both Liquid & 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.
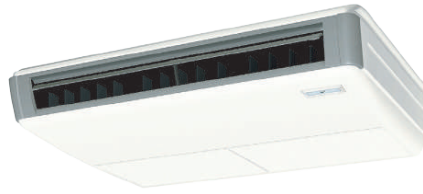
Inverter

Ceiling Concealed

FDMFC-A Series

Specifications

Model		Indoor unit	FDMFC50AV1M	FDMFC60AV1M	FDMFC71AV1M	FDMFC85AV1M
		Outdoor unit	RZFC50BGVMM	RZFC60BGVMM	RZFC71BGVMM	RZFC85BVMM
Rated Cooling Capacity (Min-Max)		Btu/h	18,500 (7,800-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	30,000 (14,300-34,100)
		kW	5.42 (2.30-5.60)	6.00 (2.60-6.30)	7.10 (3.20-8.00)	8.79 (4.20-10.00)
Total Power		W	1,940	2,300	2,150	2,770
Total Current		A	8.51	10.10	9.20	12.40
CSPF		Wh/Wh	4.16	4.13	4.36	4.76
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	590/525/430	590/525/430	950/810/700	950/810/700
	External Static Pressure (Std/High)	Pa	30/50	30/50	30/50	30/50
	Sound Pressure Level (H/M/L)	dBA	40/37/34	40/37/34	41/38/35	41/38/35
	Dimension (H x W x D) Unit	mm	250 X 700 X 700	250 X 700 X 700	250 X 1,000 X 700	250 X 1,000 X 700
	Unit Weight Unit	kg	24	24	31	31
Outdoor	Sound Pressure Level	dBA	52	52	52	53
	Dimension (H x W x D)	mm	615 X 845 X 300	615 X 845 X 300	615 X 845 X 300	695 X 930 X 350
	Unit Weight	kg	37	37	37	40
Pipe Connection Size	Liquid	mm	6.40	6.40	9.50	9.50
Pipe Connection Size	Gas	mm	12.70	12.70	15.90	15.90
Maximum Piping Length		m	30	30	30	50
Maximum Piping Elevation		m	15	15	15	30
Heat Insulation			Both Liquid & Gas Piping			

Model		Indoor unit	FDMFC100AV1M	FDMFC125AV1M	FDMFC140AV1M
		Outdoor unit	RZFC100AVMM	RZFC125AY1M	RZFC140BY1M
Rated Cooling Capacity (Min-Max)		Btu/h	36,000 (17,100-38,200)	42,000 (19,500-47,800)	48,000 (21,200-52,900)
		kW	10.55 (5.00-11.20)	12.31 (5.70-14.00)	14.07 (6.20-15.50)
Total Power		W	3,520	4,680	5,390
Total Current		A	15.60	7.23	8.24
CSPF		Wh/Wh	4.59	3.98	4.38
Power supply		V/Ph/Hz	220-240/1/50	380-415/3/50	380-415/3/50
Indoor	Airflow (H/M/L)	CFM	1,260/1,095/920	1,260/1,095/920	1,260/1,095/920
	External Static Pressure (Std/High)	Pa	50/80	50/80	50/80
	Sound Pressure Level (H/M/L)	dBA	42/39/36	42/39/36	42/39/36
	Dimension (H x W x D) Unit	mm	250 X 1,400 X 700	250 X 1,400 X 700	250 X 1,400 X 700
	Unit Weight Unit	kg	40	40	42
Outdoor	Sound Pressure Level	dBA	54	54	56
	Dimension (H x W x D)	mm	695 X 930 X 350	990 x 940 x 320	990 x 940 x 320
	Unit Weight	kg	40	62	62
Pipe Connection Size	Liquid	mm	9.50	9.50	9.50
Pipe Connection Size	Gas	mm	15.90	15.90	15.90
Maximum Piping Length		m	50	50	50
Maximum Piping Elevation		m	30	30	30
Heat Insulation			Both Liquid & 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.

Inverter

Ceiling Exposed
Specifications

GT (Class 50-85)

NT (Class 100-140)

Model			FHFC50AV1	FHFC60AV1	FHFC71AV1	FHFC85AV1
	Indoor unit		FHFC50AV1	FHFC60AV1	FHFC71AV1	FHFC85AV1
	Outdoor unit		RZFC50BGVMM	RZFC60BGVMM	RZFC71BGVMM	RZFC85BVMM
Rated Cooling Capacity (Min-Max)		Btu/h	17,100 (7,800-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	29,000 (14,300-34,100)
		kW	5.00 (2.30-5.60)	6.00 (2.60-6.30)	7.10 (3.20-8.00)	8.50 (4.20-10.00)
Total Power		W	1670	2,000	2,500	2,990
Total Current		A	7.33	8.76	11.00	13.30
CSPF		Wh/Wh	4.30	4.30	4.09	4.09
Power supply		V/Ph/Hz	220-240/1/50 (POD)	220-240/1/50 (POD)	220-240/1/50 (POD)	220-240/1/50 (POD)
Indoor	Airflow (H/M/L)	CFM	459/-/353	600/-/494	847/-/706	1,059/-/883
	Sound Pressure Level (H/M/L)	dBA	38/-/33	39/-/35	42/-/37	44/-/39
	Dimension (H x W x D)	mm	195 X 960 X 680	195 X 1160 X 680	195 X 1400 X 680	195 X 1590 X 680
	Unit Weight	kg	25	27	32	35
Outdoor	Sound Pressure Level	dBA	52	52	52	53
	Dimension (H x W x D)	mm	615 X 845 X 300	615 X 845 X 300	615 X 845 X 300	695 X 930 X 350
	Unit Weight	kg	37	37	37	40
Pipe Connection Size	Liquid	mm	6.4	6.4	9.5	9.5
	Gas	mm	12.7	12.7	15.9	15.9
Maximum Piping Length		m	30	30	30	50
Maximum Piping Elevation		m	15	15	15	30

Model			FHFC100AV1	FHFC125AV1	FHFC140AV1
	Indoor unit		FHFC100AV1	FHFC125AV1	FHFC140AV1
	Outdoor unit		RZFC100AVMM	RZFC125AY1M	RZFC140BY1M
Rated Cooling Capacity (Min-Max)		Btu/h	34,100 (17,100-38,200)	42,700 (19,500-47,800)	47,800 (21,200-52,900)
		kW	10.00 (5.00-11.20)	12.50 (5.70-14.00)	14.00 (6.20-15.50)
Total Power		W	3,520	4,880	6,070
Total Current		A	15.90	6.25	11.00
CSPF		Wh/Wh	4.09	3.82	3.71
Power supply		V/Ph/Hz	220-240/1/50 (POD)	380-415/3/50 (POD)	380-415/3/50 (POD)
Indoor	Airflow (H/M/L)	CFM	988/847/706	1,094/953/812	1,200/1,024/847
	Sound Pressure Level (H/M/L)	dBA	42/38/34	44/41/37	46/42/38
	Dimension (H x W x D)	mm	235 X 1590 X 690	235 X 1590 X 690	235 X 1590 X 690
	Unit Weight	kg	38	38	38
Outdoor	Sound Pressure Level	dBA	54	54	56
	Dimension (H x W x D)	mm	695 X 930 X 350	990 x 940 x 320	990 x 940 x 320
	Unit Weight	kg	40	62	62
Pipe Connection Size	Liquid	mm	9.5	9.5	9.5
	Gas	mm	15.9	15.9	15.9
Maximum Piping Length		m	50	50	50
Maximum Piping Elevation		m	30	30	30

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.

Non-Inverter

Ceiling Cassette
Specifications

FFC-A Series   **FCC-A Series**

Model				FFC25AV1MF	FFC35AV1MF	FCC50AV1MF	FCC60AV1MF
	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				FCC85AV1MF	FCC100AV1MF	FCC125AV1MF	FCC140AV1MF
	Indoor unit			FCC85AV1MF	FCC100AV1MF	FCC125AV1MF	FCC140AV1MF
	Outdoor unit			RC85BV1M	RC100BV1M9	RC125BY1M9	RC140BY1M9
	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.

Non-Inverter

Ceiling Concealed
Specifications

FDBC-A Series   **FDMC-A Series**

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	RC100BV1M9	RC125BY1M9	RC140BY1M9	RC160BY1M9
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	250 X 1,400 X 700	250 X 1,400 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	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	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.

Non-Inverter

Ceiling Exposed
Specifications

FHC-A Series

Model			FHC50AV1M	FHC60AV1M	FHC85AV1M
	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			FHC100BV1M	FHC125AV1M	FHC140AV1M	FHC160AV1M
	Indoor unit		FHC100BV1M	FHC125AV1M	FHC140AV1M	FHC160AV1M
	Outdoor unit		RC100BV1M9	RC125BY1M9	RC140BY1M9	RC160BY1M9
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	852 X 1,030 X 400	852 X 1,030 X 400	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.

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