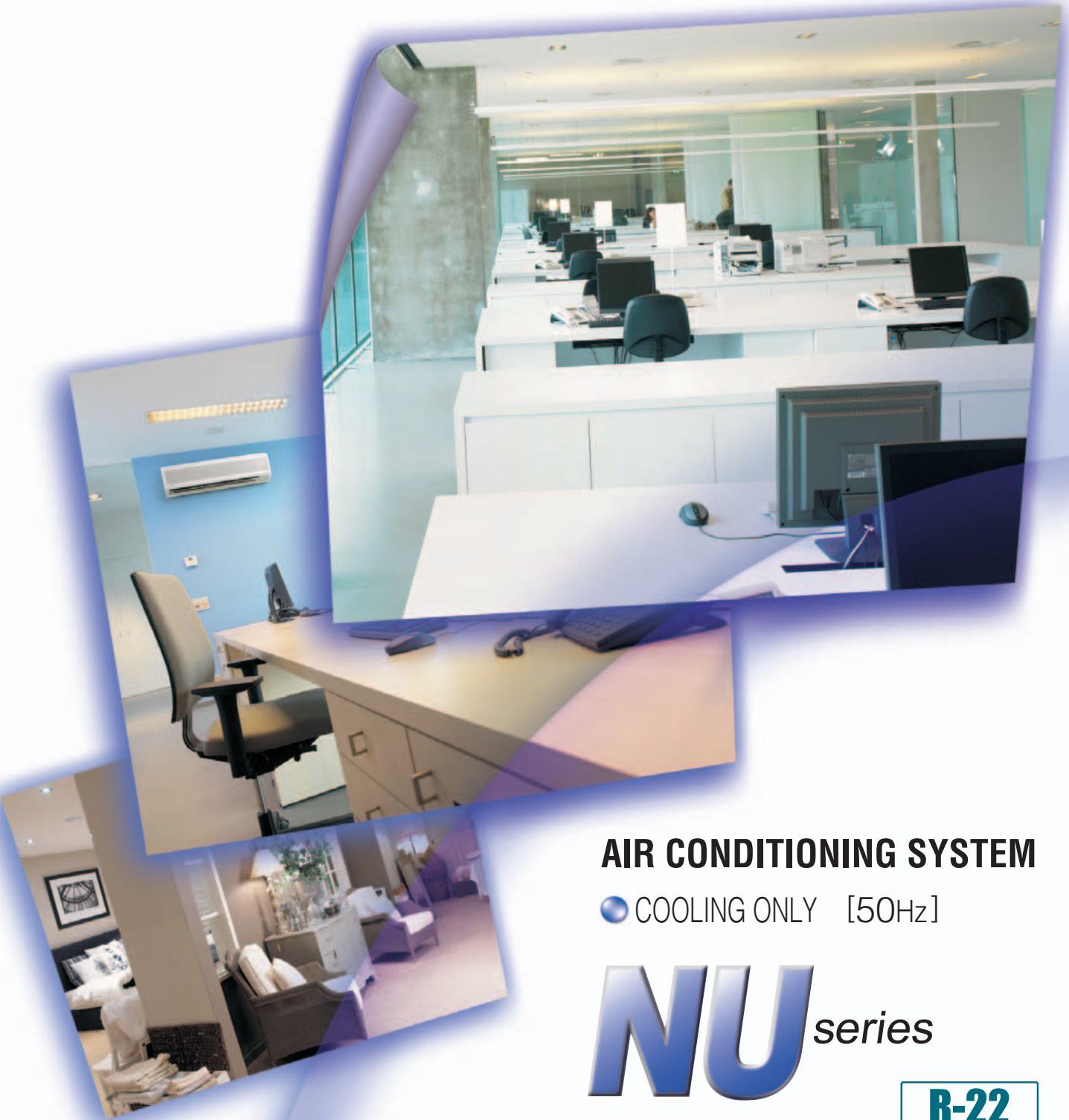


**DAIKIN**

PCS0911A

# SkyAir



**AIR CONDITIONING SYSTEM**

● COOLING ONLY [50Hz]

**NU** series

**R-22**

The match for tastefully designed offices and stores.

# High Quality Air Conditioning









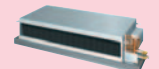
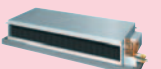




People are drawn to beautifully designed stores that express the latest. People work best in offices imbued with functional beauty.

Daikin's SkyAir is the choice to bring high quality air conditioning to stores and offices like this.

Thanks to its many advantages such as quiet operation, ease of use and flexible installation, the SkyAir enjoys an excellent reputation throughout the world wherever it is used.

## Product Line-up

Cooling only

		HP	2	2.5	3	3.5		
<b>Capacity</b> *1		Btu/h	18,000	21,000	26,000	30,000		
		kW	5.3	6.2	7.6	8.8		
		kcal/h	4,560	5,290	6,550	7,570		
<b>CEILING MOUNTED CASSETTE TYPE</b>								
	Indoor unit	FHC18NUV1	FHC21NUV1	FHC26NUV1	FHC30NUV1			
	Outdoor unit	R18NUV1	R21NUV1	R26NUV1 / Y1	R30NUV1 / Y1			
<b>CEILING SUSPENDED TYPE</b>								
	Indoor unit		FH21NUV1	FH26NUV1	FH30NUV1			
	Outdoor unit		R21NUV1	R26NUV1 / Y1	R30NUV1 / Y1			
<b>DUCT CONNECTION</b>	<b>LOW STATIC PRESSURE TYPE</b>							
		Indoor unit	FDBG18PUV1	FDBG21PUV1	FDBG26PUV1			
		Outdoor unit	R18NUV1	R21NUV1	R26NUV1 / Y1			
	<b>MIDDLE STATIC PRESSURE TYPE</b>							
		Indoor unit			FDMG26PUV1	FDMG30PUV1		
		Outdoor unit			R26NUV1 / Y1	R30NUV1 / Y1		
								
	Indoor unit			FDMG26NUV1	FDMG30NUV1			
	Outdoor unit			R26NUV1 / Y1	R30NUV1 / Y1			
<b>OUTDOOR UNIT</b>								
			R18NUV1	R21NUV1	R26NUV1 / Y1	R30NUV1 / Y1		

\*1. Note : Rated cooling capacities are based on the following conditions: Return air temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal)

### CEILING SUSPENDED TYPE

Simple design and quiet operation auto-swing airflow brings comfort to each and every corner of the room. Installation and maintenance are easy.



### CEILING MOUNTED CASSETTE TYPE




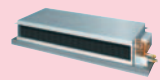





This unit is installed at center ceiling. Air is blown in four directions to bring comfort. Operation is quiet.



### DUCT CONNECTION TYPE

The indoor unit is installed inside the ceiling and ducts discharge air in any direction. Comfort is provided without even knowing that an air conditioner is installed.



	4	5	6	6.5	7
	<b>36,000</b>	<b>42,000</b>	<b>48,000</b>	<b>51,000</b>	<b>56,000</b>
	10.6	12.3	14.1	15.0	16.4
	9,100	10,600	12,100	12,900	14,100
					
	FHC36NUV1 R36NUV1 / Y1	FHC42NUV1 R42NUY1	FHC48NUV1 R48NUY1		
					
	FH36NUV1 R36NUV1 / Y1	FH42NUV1 R42NUY1	FH48NUV1 R48NUY1		
					
	FDMG36PUV1 R36NUV1 / Y1	FDMG42PUV1 R42NUY1	FDMG48PUV1 R48NUY1	FDMG51PUV1 R51NUY1	FDMG56PUV1 R56NUY1
					
	FDMG36NUV1 R36NUV1 / Y1	FDMG42NUV1 R42NUY1	FDMG48NUV1 R48NUY1	FDMG51NUV1 R51NUY1	FDMG56NUV1 R56NUY1
					
	R36NUV1 / Y1	R42NUY1	R48NUY1	R51NUY1	R56NUY1

# CEILING MOUNTED CASSETTE TYPE

# FHC-NU

## Quiet, decor-blending form and easy installation



Cooling only  
FHC18NU-48NU

### Option

Accessory required for indoor unit

#### Wired LCD remote controller



**BRC1C61**

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

#### Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



**BRC7C613W**



Signal receiver unit  
(Installed type)

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

### Features

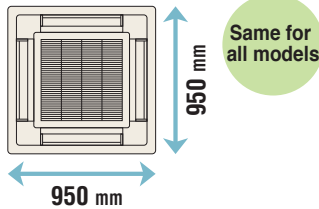
Feature	Comfort							Mould prevention	Work & Servicing				Control features	Options				Others
	Auto swing	Swing pattern selection	Switchable fan speed	Programme "Dry"	High ceiling application	Two selectable temperature-sensors	Timer selector		Mould resistant treatment for filter	Drain pump mechanism	Pre-charged for up to 15 m	Filter sign		Ceiling soiling prevention	Auto-restart	Ultra long-life filter	High-efficiency filter	
Model																		
Cooling only	●	●	●	●	●	*1	●	●	●	*2	●	●	●	●	●	●	●	●

\*1 Applicable when wired remote controller is used

\*2 Applicable to R36NU-R48NU outdoor units

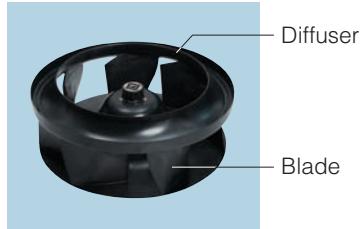
## Unified square panels

- All models from the 18NU to 48NU use the same size panel. Multiple unit installations maintain a physical uniformity that is aesthetically pleasing and make it easier to plan ceiling lighting systems and to design interiors.



## Compact body and quiet operation

- Indoor units use an aerodynamically designed Diffuser Turbo Fan



- Draft resistance has been reduced by incorporating, into a single unit, an impeller and a diffuser to control air flow inside the unit. The Diffuser Turbo Fan is both quiet during operation and compact.

(220V) dB(A)

Indoor unit	High	Low
18NU	33	29
21NU	35	30
26NU	35	30
30NU	39	34
36NU	42	36
42NU	42	36
48NU	42	36

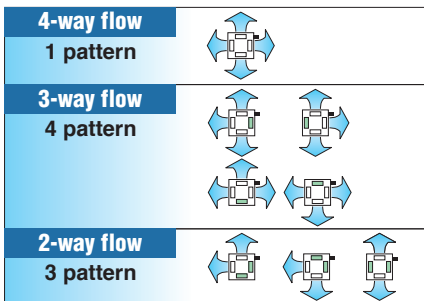
## Optimal comfort and convenience assured by 3 air discharge modes

Air direction	Draft prevention setting	Standard setting	Setting to prevent soiling of ceiling
Desired situation	When drafts are unwanted	For gentle drafts (Ceiling is soiled.)	When ceilings must be kept spotless
Auto-swing	Auto-swing between 10° and 40°	Auto-swing between 10° and 65°	Auto-swing between 30° and 65°
5-levels air direction setting	Settable to 5 different levels between 10° and 40°	Settable to 5 different levels between 10° and 65°	Settable to 5 different levels between 30° and 65°
Draft prevention (In heating mode)	At heating startup and thermo OFF*, air discharge is automatically set to a near horizontal 10° to prevent direct exposure to cool air drafts.		At heating startup and thermo OFF*, air discharge is automatically set to 30° to prevent both direct exposure to cool air drafts and contact with ceilings.
Auto air direction control	The air direction is set automatically to the memorised position of the previous air direction. (Initial setting is 65° for heating and 30° for cooling.)		

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

\*When the thermostat turns off.

## Multi-Flow System

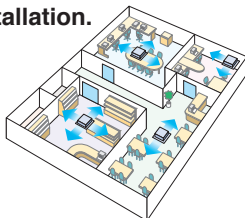


"■" denotes piping direction. "■" denotes sealing member for air discharge outlet (option).

Note: For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close off the unused outlet(s).

## Air direction can be selected according to installation.

Note: Operation sound increases when using 2-way or 3-way flow.



## Two selectable temperature-sensors

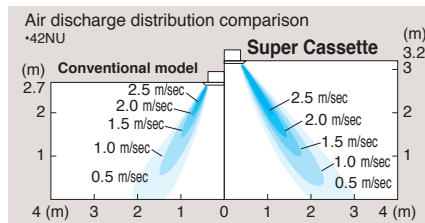
- Both indoor unit and wired remote controller (option) contain temperature-sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature requires initial setting by the installer.

\*Temperature-sensor on indoor unit must be used when the air conditioner is controlled from another room.

\*\*Wireless remote controller does not have a temperature-sensor.

## Wide air distribution

- Air discharge opening increases flow without increasing wind speed, hence discharged air reaches farther than before.



## Suitable for high ceilings

### Criteria for ceiling height and number of air discharge outlets

Ceiling height		Number of air discharge outlets used					
		18NU-26NU			30NU-48NU		
		4-way flow	3-way flow	2-way flow	4-way flow	3-way flow	2-way flow
Standard		2.7 m	3.0 m	3.5 m	3.2 m	3.6 m	4.2 m
High ceiling ①		3.0 m	3.3 m	3.8 m	3.6 m	4.0 m	4.2 m
High ceiling ②		3.5 m	3.5 m	—	4.2 m	4.2 m	—

Note: Initial settings are for standard ceiling height and 4-way flow. High ceiling settings ① and ② are set from the remote controller.

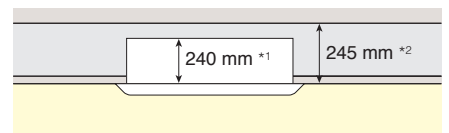
## Programme "Dry"

- Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

## Switchable fan speed: High/Low

## Quick and easy to install

- Just 240 mm high. Installable in tight ceiling spaces (18NU-26NU)

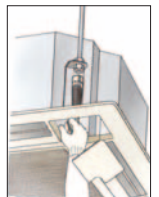


\*1 298 mm high with 30NU-48NU  
\*2 303 mm high with 30NU-48NU

## Easy height adjustment

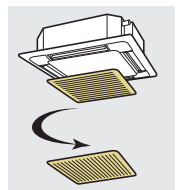
- Each corner of the unit has an Adjuster Pocket that lets you easily adjust the unit's suspended height.

Note: If the wireless remote control option is installed, a light receptor unit is housed in one of the adjuster pockets.

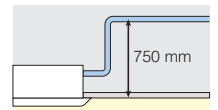


## All models suspended without lift

## Installable in any direction



## Provided with drain pump mechanism



## Easy installation of options

- The high-performance filter and other options are easily clipped into place. There is no need for a screwdriver.

# CEILING SUSPENDED TYPE FH-NU

Upgrade to a quiet and compact system.



Cooling only  
FH21NU-48NU

### Option

Accessory required for indoor unit

#### Wired LCD remote controller



**BRC1NU61**

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

#### Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



**BRC7NU66**



Signal receiver unit (Installed type)

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

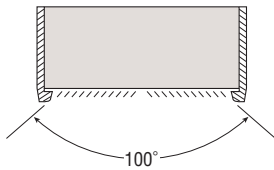
### Features

Feature	Comfort				Mould prevention		Work & Servicing	Control features	Options	Others
	Auto swing	Switchable fan speed	Programme "Dry"	Timer selector	Mould resistant treatment for filter	Mould proofing drain pan	Pre charged for up to 15 m	Auto-restart	Long-life filter	PE fin
Model										
Cooling only	•	•	•	•	•	•	*1	•	•	•

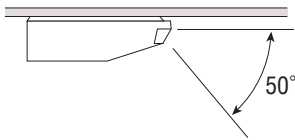
\*1 Applicable to R36NU-R48NU outdoor units

## Spreads comfortable air throughout the room

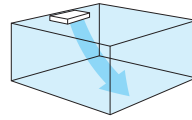
- Auto-swing (up&down) brings comfort to the room.
- Wide air discharge openings produce a spreading 100° airflow



- Air is blown up to 50° in the downward direction.



- Installable on ceilings 3.5 m high



- Switchable fan speed: High/Middle/Low

- Programme "Dry"

- Dehumidification is microprocessor controlled to prevent abrupt and uncomfortable changes in air temperature.

## Installation flexibility for freedom of design

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

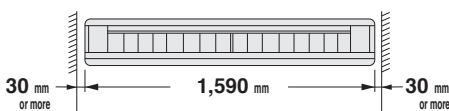
Indoor unit	21NU	26NU	30NU	36NU	42NU	48NU
Height	195					
Width	1,160	1,400	1,590			
Depth	680					

Weight of all models reduced (down 10% compared with previous models). Transfer and installation work is less arduous.

- Reduced edge space, flexible installation

- The unit fits more snugly into tight spaces.

For 48NU indoor unit



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

- All wiring and internal servicing done from below the unit

- Pipes more easily rigged, too

- Plastic panels are used to conceal piping holes. Holes can be easily punched out without requiring special tools.

## Quiet operation

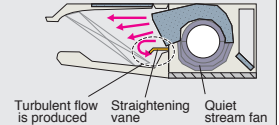
- Sound operation has been reduced on the exposed ceiling suspended type unit.

(220V) dB(A)

Indoor unit	High	Low
21NU	44	40
26NU	44	40
30NU	45	40
36NU	46	40
42NU	48	42
48NU	49	43

Note : Anechoic chamber conversion value, measured according to JIS parameters and criteria.

Uses quiet stream fan and other quiet technologies.



## Easier to maintain

- Long-life filter lasts about half year \* maintenance not required

\* For dust concentration of 0.15 mg/m<sup>3</sup>

- Non-dew flap without bristles

- Absence of bristles minimises clinging dirt and simplifies cleaning.

Non-dew flap



- Easy-clean, flat surfaces

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

- For all maintenance tasks, access is from bottom surface

## Improved-oil resistant grille

- Oil-resistant plastic is used for the air discharge grille. This improves 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.

# DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

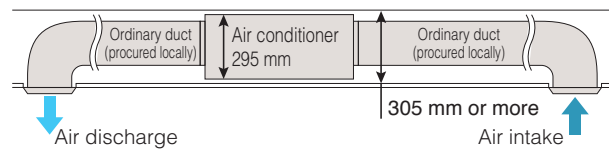
# FDMG-PU FDMG-NU



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

## Superior freedom of layout

- The duct system allows the efficient location of discharge outlets in accordance with the room layout
- Middle static pressure type, usable in a larger than standard space
- Duct connection is simpler with standard rear intake chambers



**FDMG36PU**

**Cooling only**  
**FDMG26PU-56PU**  
**FDMG26NU-56NU**

Sound level  
**45/37** dB(A)  
High Low  
FDMG36PU  
(220V)

**Option** Accessory required for indoor unit  
For FDMG-PU

**Wired LCD remote controller**

**BRC1C61**

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

**Wireless LCD remote controller**  
A signal receiver must be added to the indoor unit.

**BRC4C64**

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

For FDMG-NU

**Digital remote controller**

**KRC47-2A**

**Remote controller**

**KRC47-1A**

## Quiet operation

Indoor unit	(220V) dB(A)	
	High	LOW
FDMG26PU	42	38
FDMG30PU	44	36
FDMG36PU	45	37
FDMG42PU	46	37
FDMG48PU	46	37
FDMG51PU	47	37
FDMG56PU	47	37

- **Switchable fan speed: High/Middle/Low** (FDMG26NU-56NU)  
(FDMG26PU-56PU is switchable fan speed: High/Low)
- **Drain pipe connection can be done inside the unit.** Coolant and drain pipe outlets are at the same opening.

## Features

Feature	Comfort		Work & Servicing	Control features	Others
	Switchable fan speed	Two selectable temperature-sensors	Pre-charged for up to 15 m	Auto-restart	PE fin
Model					
Cooling only	●	*1	*2	●	●

\*1 Applicable when wired remote controller is used (FDMG-PU)

\*2 Applicable to R36NU-R51NU outdoor units



# DUCT CONNECTION LOW STATIC PRESSURE TYPE

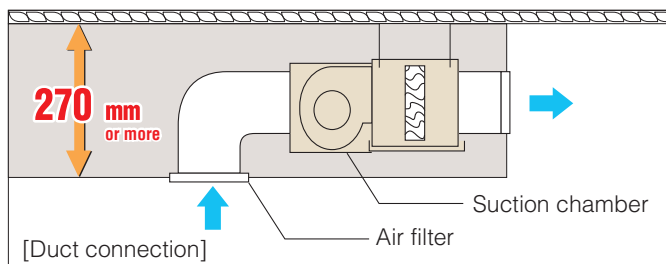
# FDBG-PU



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

## Compact

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

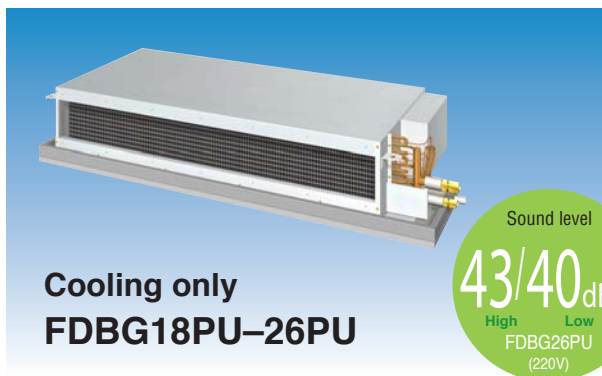


\*To prevent increased operation sound, avoid installing the air suction grille directly below the suction chamber.

## Quiet operation

(220V) dB(A)

Indoor unit	High	Low
FDBG18PU	41	38
FDBG21PU	43	40
FDBG26PU	43	40



Cooling only  
FDBG18PU-26PU

Sound level  
43/40 dB(A)  
High Low  
FDBG26PU  
(220V)

Option Accessory required for indoor unit

### Wired LCD remote controller



**BRC1C61**

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

### Wireless LCD remote controller

A signal receiver must be added to the indoor unit.



**BRC4C64**



Signal receiver unit  
(Separate type)

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

## Features

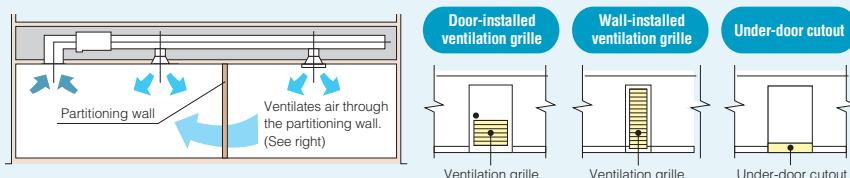
Feature	Comfort		Work & Servicing	Control features	Others
	Switchable fan speed	Two selectable temperature-sensors	Pre-charged for up to 10 m	Auto-restart	PE fin
Model					
Cooling only	•	*1	•	•	•

\*\*Applicable when wired remote controller is used

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

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

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



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

# OUTDOOR UNIT



R18NU



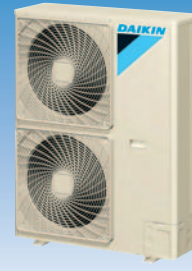
R21NU



R26/30NU



R36NU



R42NU



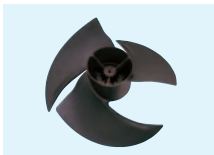
R48/51NU

## Quiet Operation

### ■ Fitted with wide inlet fan

(Applies to R26NU–51NU)

- Fully shaped aerodynamic propellers are designed to push air with a large wing surface. This provides both high blow volume and quiet operation with minimal turbulence.



Wide inlet fan

### ■ Fitted with Super Aero Grille

(Applies to R26NU–51NU)

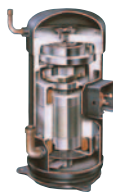
- To suppress turbulence and achieve quiet operation, the curved ribs of the grille are optimised to meet the outflow of air.



### ■ Equipped with scroll compressor for quiet operation

(Applies to R36NU–56NU)

- Smooth running, minimal vibration, low operating sound.



### Even less operation sound

(In case of V1: 220V, Y1: 380V) dB(A)

Outdoor unit	Sound level
R18NUV1	49
R21NUV1	54
R30NUV1 R30NUY1	57
R36NUV1 R36NUY1	55
R42NUY1	57
R48NUY1	59
R51NUY1	59

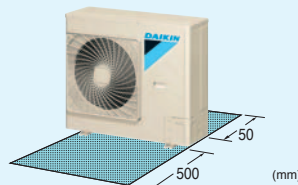
## Compact

### ■ Slim-design and low-profile compact outdoor units

(Applies to R26NU–51NU)

- Compactly designed outdoor unit with interior layout optimised for the smooth airflow.

Curved Super Aero Grille restricts the spread of exhaust gas and fits in the same space as conventional outdoor units.



(Applies to R26NU–36NU)

## Installation and maintenance

### ■ Pre charged for up to

**15 metres** (Applies to R36NU–51NU)

- If refrigerant piping length does not exceed 5m (R56NU), 10m (R18NU, R21NU, R26NU), 15m (R36NU, R42NU, R48NU, R51NU), there is no need for on-site gas charging.

### ■ Allowed refrigerant pipe length and level difference

	Pre charged <sup>*1</sup>	Max. length	Max. level difference
R18NU	10 m	30 m (Equivalent length 50 m)	15 m
R21NU	10 m	30 m (Equivalent length 50 m)	15 m
R26NU	10 m	30 m (Equivalent length 50 m)	20 m
R30NU	10 m	30 m (Equivalent length 50 m)	20 m
R36NU	15 m	30 m (Equivalent length 50 m)	20 m
R42NU	15 m	30 m (Equivalent length 50 m)	20 m
R48NU	15 m	30 m (Equivalent length 50 m)	20 m
R51NU	15 m	30 m (Equivalent length 50 m)	20 m
R56NU	5 m	50 m (Equivalent length 70 m)	30 m

Note: <sup>\*1</sup>Additional refrigerant charging is required if the refrigerant pipe is longer than the length.

### ■ 4-direction piping offers greater layout freedom

(Applies to R26NU–56NU)

- Piping can be run from the front, bottom, right or rear surface according to how the unit is installed.

## Takes installation environment into consideration

## Durability

### ■ Heat exchange fins provided with anti-corrosion treatment

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

#### Construction

Non-treated fin		← Aluminium
PE fin		← Hydrophilic film
		← Aluminium
		← Corrosion resistant acrylic resin

# Abundance of functions that provide comfortable air-conditioning in stores and offices.

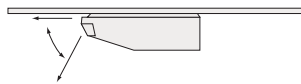
• See the list of main functions given on the page introducing each indoor unit.

## Comfort

### Auto-swing

Delivers comfortable air-conditioning to all areas, near to and far from the air-conditioner.

■ Air discharge direction angle can be set (fixed setting)



### Swing pattern selection

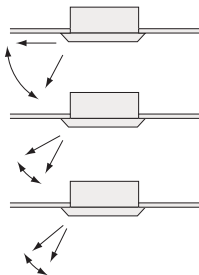
(draft prevention, standard, ceiling soiling prevention)

You can freely set 3 air discharge positions by remote controller.

(1) Air direction range in standard position

(2) Air direction range in draft prevention position

(3) Air direction range in ceiling soiling prevention position



### Switchable fan speed

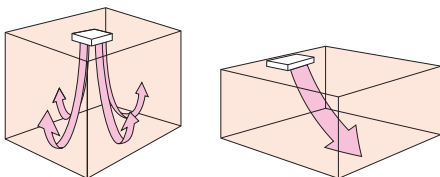
High setting provides maximum reach while low setting minimises drafts.

### Programme "Dry"

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

### High-ceiling application

Delivers air-conditioning comfort all the way down to the floor in air-conditioning zones with high ceilings.



Note: When units are installed on high ceilings, depending on the model, various restrictions concerning maximum height, air discharge direction, and choice of options may apply.

### Timer selector

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

## Mould prevention

### Mould resistant treatment for filter

Sanitary filter has mould resistant treatment.

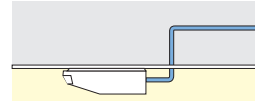
### Mould proofing drain pan

Mould proofing maintains hygiene by preventing growth in highly humid conditions.

## Work and Servicing

### Drain pump mechanism

Steeper gradient realises more efficient condensate drainage. High-lift is especially useful for long lengths of drain piping.



### Pre charged for up to 15 metres

If refrigerant piping length does not exceed 15 m, there is no need for on-site gas charging. (Applies to R36NU-51NU)

### Ceiling soiling prevention function

Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is less frequently required.

### Filter sign

The filter sign warns you when it is time to clean the filter.

\*When using a wired remote controller the sign is displayed in the LCD. When using a wireless remote controller the filter sign lamp illuminates on the signal receiver unit.

## Control features

### Auto-restart

If there is a power outage while the equipment is operating, operations will restart in the same mode as before the power cut when electricity is restored.

## Others

### PE fin

To achieve increased durability by improved resistance to salt corrosion and atmospheric pollution, coated PE fins (with special acryl pretreatment) are used for the heat exchanger of the outdoor unit. In high corrosive areas, regular maintenance needs to be carried out.

## Options

### High-efficiency filter unit

Two types are available: 65% and 90% colorimetry.

### Ultra long-life filter

Requires no maintenance for about 4 years\* (10,000 h) in stores and offices. \* For dust concentration of 0.15 mg/m<sup>3</sup>

### Long-life filter

Maintenance is not required for one year (two years when a ceiling mounted cassette type is used).

### Fresh-air intake kit

You can provide air-conditioning with fresh air from outside. Convenient for places where a ventilation fan cannot be installed.

Note: \*Connecting ducts, insect nets, fire dampers, air filters, and other parts should, as required, be procured locally.

\*\*Outside Air fan interlocked with air conditioning unit is necessary. Optional PCB(KRP1C63)is required for interlocking.

\*\*\*It is recommended that the volume of outdoor air introduced through the kit is limited to 10% of the maximum airflow rate of the indoor unit. Introducing higher quantities will increase the operating noise and may also influence temperature sending.

# SPECIFICATIONS

## CEILING MOUNTED CASSETTE TYPE

Model Name	Indoor unit		18	21	26	30	36	42	48	
	Outdoor unit		FHC18NUV1	FHC21NUV1	FHC26NUV1	FHC30NUV1	FHC36NUV1	FHC42NUV1	FHC48NUV1	
Power supply	V1: 1 Phase, 220-240 V, 50 Hz Y1: 3 Phase, 380-415 V, 50 Hz									
Cooling capacity <sup>1a/1b</sup>	Btu/h		18,100/18,000	21,200/21,000	26,300/26,000	30,400/30,000	36,500/36,000	42,700/42,000	49,100/48,000	
	kW		5.3/5.3	6.2/6.2	7.7/7.6	8.9/8.8	10.7/10.6	12.5/12.3	14.4/14.1	
	kcal/h		4,580/4,560	5,340/5,290	6,630/6,550	7,670/7,570	9,200/9,100	10,800/10,600	12,400/12,100	
Power consumption <sup>1a/1b</sup>	kW		2.03/2.02	2.46/2.45	3.07/3.07	3.45/3.45	4.04/4.04	4.79/4.79	5.49/5.49	
Indoor unit	Colour	Unit	White							
		Decoration panel	White							
	Airflow rate (H/L)	m <sup>3</sup> /min	15/11	19/14	19/14	28/21	33/24	33/24	33/24	
		cfm	529/388	670/494	670/494	988/741	1,164/847	1,164/847	1,164/847	
	Sound level (H/L) (220V) <sup>2</sup>	dB(A)	33/29	35/30	35/30	39/34	42/36	42/36	42/36	
	Dimensions (H×W×D)	Unit	mm	230×840×840	230×840×840	230×840×840	288×840×840	288×840×840	288×840×840	288×840×840
		Decoration panel	mm	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950
Machine weight	Unit	kg	24	24	24	28	28	28	28	
	Decoration panel	kg	5	5	5	5	5	5	5	
Operation range	°CWB	14 to 28								
Outdoor unit	Colour	Ivory white				Ivory				
	Compressor	Type	Hermetically sealed rotary type				Hermetically sealed scroll type			
		Motor output	kW	1.7	2.2	2.5	2.5	3.00	3.75	4.50
	Refrigerant charge (R-22)	kg	1.20 (Charged for 10 m)	1.50 (Charged for 10 m)	2.3 (Charged for 10 m)	2.3 (Charged for 10 m)	2.0 (Charged for 15 m)	2.4 (Charged for 15 m)	2.6 (Charged for 15 m)	
	Sound level <sup>2,3</sup>	dB(A)	49	54	57	57	55	57	59	
	Dimensions (H×W×D)	mm	540×750×270	685×800×300	770×900×320	770×900×320	1,170×900×320	1,170×900×320	1,345×900×320	
	Machine weight	kg	42	61	70 (V1), 69 (Y1)	70 (V1), 69 (Y1)	81 (V1), 79 (Y1)	87	92	
Operation range	°CDB	21 to 46								
Piping connections	Liquid (Flare)	mm	φ6.4	φ6.4	φ9.5	φ9.5	φ9.5	φ9.5	φ9.5	
	Gas (Flare)	mm	φ15.9	φ15.9	φ15.9	φ15.9	φ19.1	φ19.1	φ19.1	
	Drain	Indoor unit	mm	I.D φ25×O.D φ32	I.D φ25×O.D φ32	I.D φ25×O.D φ32	I.D φ25×O.D φ32	I.D φ25×O.D φ32	I.D φ25×O.D φ32	I.D φ25×O.D φ32
Outdoor unit		mm	φ18.0 (Hole)	φ18.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	
Max. interunit piping length	m	30 (equivalent length 50 m)								
Max. installation level difference	m	15				20				
Heat insulation	Both liquid and gas piping									

Note :

<sup>1a</sup>Rated cooling capacities are based on the following conditions:

<sup>1a</sup>Indoor temp., 27°CDB, 19.5°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>1b</sup>Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>2</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria.

<sup>3</sup>During operation these values are somewhat higher owing to ambient conditions.

<sup>4</sup>In case of V1: 220V, Y1: 380V.

## CEILING SUSPENDED TYPE

Model Name	Indoor unit		21	26	30	36	42	48		
	Outdoor unit		FH21NUV1	FH26NUV1	FH30NUV1	FH36NUV1	FH42NUV1	FH48NUV1		
Power supply	V1: 1 Phase, 220-240 V, 50 Hz Y1: 3 Phase, 380-415 V, 50 Hz									
Cooling capacity <sup>1a/1b</sup>	Btu/h		21,200/21,000	26,300/26,000	30,400/30,000	36,500/36,000	42,700/42,000	49,100/48,000		
	kW		6.2/6.2	7.7/7.6	8.9/8.8	10.7/10.6	12.5/12.3	14.4/14.1		
	kcal/h		5,340/5,290	6,630/6,550	7,670/7,570	9,200/9,100	10,800/10,600	12,400/12,100		
Power consumption <sup>1a/1b</sup>	kW		2.72/2.71	3.10/3.10	3.48/3.48	4.06/4.06	4.83/4.83	5.50/5.50		
Indoor unit	Colour	White								
	Airflow rate (H/L)	m <sup>3</sup> /min	22-23/9-20	22-23/9-20	26-27/22-23	32-34/22-24	38-40/23-25	42-44/24-26		
		cfm	776-811/317-706	776-811/317-706	917-953/776-811	1,129-1,200/776-847	1,341-1,412/811-882	1,482-1,553/847-917		
	Sound level (H/L) (220V) <sup>2</sup>	dB(A)	44/40	44/40	45/40	46/40	48/42	49/43		
	Dimensions (H×W×D)	mm	195×1,160×680	195×1,160×680	195×1,400×680	195×1,590×680	195×1,590×680	195×1,590×680		
	Machine weight	kg	26	26	32	35	35	35		
Operation range	°CWB	14 to 28								
Outdoor unit	Colour	Ivory white				Ivory				
	Compressor	Type	Hermetically sealed rotary type				Hermetically sealed scroll type			
		Motor output	kW	2.2	2.5	2.5	3.00	3.75	4.50	
	Refrigerant charge (R-22)	kg	1.50 (Charged for 10 m)	2.3 (Charged for 10 m)	2.3 (Charged for 10 m)	2.0 (Charged for 15 m)	2.4 (Charged for 15 m)	2.6 (Charged for 15 m)		
	Sound level <sup>2,3</sup>	dB(A)	54	57	57	55	57	59		
	Dimensions (H×W×D)	mm	685×800×300	770×900×320	770×900×320	1,170×900×320	1,170×900×320	1,345×900×320		
	Machine weight	kg	61	70 (V1), 69 (Y1)	70 (V1), 69 (Y1)	81 (V1), 79 (Y1)	87	92		
Operation range	°CDB	21 to 46								
Piping connections	Liquid (Flare)	mm	φ6.4	φ9.5	φ9.5	φ9.5	φ9.5	φ9.5		
	Gas (Flare)	mm	φ15.9	φ15.9	φ15.9	φ19.1	φ19.1	φ19.1		
	Drain	Indoor unit	mm	I.D φ20×O.D φ26	I.D φ20×O.D φ26	I.D φ20×O.D φ26	I.D φ20×O.D φ26	I.D φ20×O.D φ26	I.D φ20×O.D φ26	
Outdoor unit		mm	φ18.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)		
Max. interunit piping length	m	30 (equivalent length 50 m)								
Max. installation level difference	m	15				20				
Heat insulation	Both liquid and gas piping									

Note :

<sup>1a</sup>Rated cooling capacities are based on the following conditions:

<sup>1a</sup>Indoor temp., 27°CDB, 19.5°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>1b</sup>Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).

<sup>2</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria.

<sup>3</sup>During operation these values are somewhat higher owing to ambient conditions.

<sup>4</sup>In case of V1: 220V, Y1: 380V.

## DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

Model Name	Indoor unit		26	30	36	42	48	51	56	
			FDMG26PUV1	FDMG30PUV1	FDMG36PUV1	FDMG42PUV1	FDMG48PUV1	FDMG51PUV1	FDMG56PUV1	
	Outdoor unit		R26NUV1	R30NUV1	R36NUV1	R42NUV1	R48NUV1	R51NUV1	R56NUV1	
Power supply			V1: 1 Phase, 220–240 V, 50 Hz Y1: 3 Phase, 380–415 V, 50 Hz							
Cooling capacity <sup>1a/1b</sup>			Btu/h	26,300/26,000	30,400/30,000	36,500/36,000	42,700/42,000	49,100/48,000	52,200/51,000	57,000/56,000
			kW	7.7/7.6	8.9/8.8	10.7/10.6	12.5/12.3	14.4/14.1	15.3/15.0	16.7/16.4
			kcal/h	6,630/6,550	7,670/7,570	9,200/9,100	10,800/10,600	12,400/12,100	13,200/12,900	14,400/14,100
Power consumption <sup>1a/1b</sup>			kW	3.15/3.15	3.46/3.46	4.16/4.16	4.84/4.84	5.55/5.55	5.90/5.90	6.45/6.45
Indoor unit	Colour									
	Fan	Airflow rate (H)	m <sup>3</sup> /min	23	34	37	42	42	42	42
			cfm	811	1,200	1,306	1,482	1,482	1,482	1,482
	Rated external static pressure		mmH <sub>2</sub> O	8.5	10.1	9.8	8.0	8.0	9.8	9.8
	Sound level (H/L) (220V) <sup>2</sup>		dB(A)	42/38	44/36	45/37	46/37	46/37	47/37	47/37
	Dimensions (H×W×D)		mm	305×1,350×680	305×1,550×680	305×1,550×680	305×1,550×680	305×1,550×680	305×1,900×680	305×1,900×680
	Machine weight		kg	43	51	52	52	52	58	58
Operation range		°CWB	14 to 28							
Outdoor unit	Colour		Ivory							
	Compressor	Type	Hermetically sealed rotary type			Hermetically sealed scroll type				
		Motor output	kW	2.5	2.5	3.00	3.75	4.50	4.50	4.50
	Refrigerant charge (R-22)		kg	2.3(Charged for 10 m)	2.3(Charged for 10 m)	2.0(Charged for 15 m)	2.4(Charged for 15 m)	2.6(Charged for 15 m)	2.7(Charged for 15 m)	2.8(Charged for 5 m)
	Sound level <sup>2, 3</sup>		dB(A)	57	57	55	57	59	59	56
	Dimensions (H×W×D)		mm	770×900×320	770×900×320	1,170×900×320	1,170×900×320	1,345×900×320	1,345×900×320	1,345×880×370
	Machine weight		kg	70 (V1), 69 (Y1)	70 (V1), 69 (Y1)	81 (V1), 79(Y1)	87	92	93	114
Operation range		°CDB	21 to 46							
Piping connections	Liquid (Flare)		mm	φ9.5	φ9.5	φ9.5	φ9.5	φ9.5	φ9.5	φ9.5
	Gas (Flare)		mm	φ15.9	φ15.9	φ19.1	φ19.1	φ19.1	φ19.1	φ19.1
	Drain	Indoor unit	mm	3/4B (I.D φ21.6×O.D φ27.2)						
Outdoor unit		mm	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	φ26.0 (Hole)	
Max. interunit piping length			m	30 (equivalent length 50 m)						50 (equivalent length 70 m)
Max. installation level difference			m	20						30
Heat insulation			Both liquid and gas piping							

Note :  
<sup>1a</sup>Rated cooling capacities are based on the following conditions:  
<sup>1b</sup>Suction temp., 27°CDB, 19.5°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).  
<sup>2</sup>Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).  
<sup>3</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria.  
 During operation these values are somewhat higher owing to ambient conditions.  
<sup>4</sup>In case of V1: 220V, Y1: 380V.

## DUCT CONNECTION LOW STATIC PRESSURE TYPE

Model Name	Indoor unit		18	21	26	
			FDBG18PUV1	FDBG21PUV1	FDBG26PUV1	
	Outdoor unit		R18NUV1	R21NUV1	R26NUV1 R26NUY1	
Power supply			V1: 1 Phase, 220–240 V, 50 Hz Y1: 3 Phase, 380–415 V, 50 Hz			
Cooling capacity <sup>1a/1b</sup>			Btu/h	18,100/18,000	21,200/21,000	26,300/26,000
			kW	5.3/5.3	6.2/6.2	7.7/7.6
			kcal/h	4,580/4,560	5,340/5,290	6,630/6,550
Power consumption <sup>1a/1b</sup>			kW	2.12/2.11	2.73/2.72	3.33/3.33
Indoor unit	Colour					
	Airflow rate (H/L)	m <sup>3</sup> /min	13/11	18/15	18/15	
			cfm	458/388	635/529	635/529
	Rated external static pressure		mmH <sub>2</sub> O	2.0	2.0	2.0
	Sound level (H/L) (220V) <sup>2</sup>		dB(A)	41/38	43/40	43/40
	Dimensions (H×W×D)		mm	260×900×580	260×1,300×580	260×1,300×580
	Machine weight		kg	25	32	32
Operation range		°CWB	14 to 28			
Outdoor unit	Colour		Ivory white		Ivory	
	Compressor	Type	Hermetically sealed rotary type			
		Motor output	kW	1.7	2.2	2.5
	Refrigerant charge (R-22)		kg	1.13 (Charged for 10 m)	1.55 (Charged for 10 m)	2.3 (Charged for 10 m)
	Sound level <sup>2, 3</sup>		dB(A)	49	54	57
	Dimensions (H×W×D)		mm	540×750×270	685×800×300	770×900×320
	Machine weight		kg	42	61	70 (V1), 69 (Y1)
Operation range		°CDB	21 to 46			
Piping connections	Liquid (Flare)		mm	φ6.4	φ6.4	φ9.5
	Gas (Flare)		mm	φ15.9	φ15.9	φ15.9
	Drain	Indoor unit	mm	3/4B (I.D φ21.6×O.D φ27.2)		
Outdoor unit		mm	φ18.0 (Hole)	φ18.0 (Hole)	φ26.0 (Hole)	
Max. interunit piping length			m	30 (equivalent length 50 m)		
Max. installation level difference			m	15		
Heat insulation			Both liquid and gas piping			

Note :  
<sup>1a</sup>Rated cooling capacities are based on the following conditions:  
<sup>1b</sup>Suction temp., 27°CDB, 19.5°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).  
<sup>2</sup>Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).  
<sup>3</sup>Anechoic chamber conversion value, measured according to JIS parameters and criteria.  
 During operation these values are somewhat higher owing to ambient conditions.  
<sup>4</sup>In case of V1: 220V, Y1: 380V.

## Indoor unit

### CEILING MOUNTED CASSETTE TYPE

Item	Type	FHC18NU	FHC21NU	FHC26NU	FHC30NU	FHC36NU	FHC42NU	FHC48NU	
Decoration panel		BYC125K-W1, BYC125K-W2							
Sealing member for air discharge outlet		KDBH55D160W							
Panel spacer		KDBP55H160WA							
Fresh air intake kit	Chamber type	KDD55DA160							
	Without the T-joint pipe and fan	KDD55DA160K							
	With the T-joint pipe, without fan	KDDJ55X160							
High-efficiency filter	Direct installation type	KAF556DA80							
	(Colorimetric method 65%)	KAF557DA80							
	(Colorimetric method 90%)	KAF552B160							
Replacement high-efficiency filter	(Colorimetric method 65%)	KAFP552B80							
	(Colorimetric method 90%)	KAFP553B80							
High-efficiency filter chamber		KDDF55D160							
Replacement long-life filter		KAF551K160							
Ultra long-life filter		KAFP55D160							
Replacement ultra long-life filter		KAF55K160H							
Branch duct chamber		KDJ55K80			KDJ55K160				
Remote controller	Wired type <sup>2</sup>	BRC1C61							
	Wireless type	BRC7C613W							
Central remote controller <sup>3</sup>		DCS302CA61							
Unified ON/OFF controller <sup>3</sup>		DCS301BA61							
Schedule timer <sup>3</sup>		DST301BA61							
Adaptor for wiring <sup>4</sup>		KRP1BA57							
Wiring adaptor for electrical appendices <sup>3</sup>		KRP4AA53							
Interface adaptor for SkyAir series		DTA102A52							
Installation box for adaptor PCB		KRP1B98							

Note:

<sup>1</sup>Required for installing high-efficiency filter or ultra long-life filter.

<sup>2</sup>Wiring for wired remote controller to be procured locally.

<sup>3</sup>This optional accessory requires DTA102A52.

<sup>4</sup>Installation box for adaptor PCB (KRP1B98) is necessary.

### CEILING SUSPENDED TYPE

Item	Type	FH21NU	FH26NU	FH30NU	FH36NU	FH42NU	FH48NU
Replacement long-life filter	Resin net	KAF501DA80		KAF501DA112	KAF501DA160		
L-type piping kit (for upward direction)		KHFJ5F80		KHFJ5F160			
Remote controller	Wired type <sup>1</sup>	BRC1NU61					
	Wireless type	BRC7NU66					

Note:

<sup>1</sup>Wiring for wired remote controller to be procured locally.

### DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

Item	Type	FDMG26PU	FDMG30PU	FDMG36PU	FDMG42PU	FDMG48PU	FDMG51PU	FDMG56PU
Remote controller	Wired type <sup>1</sup>	BRC1C61						
	Wireless type	BRC4C64						

Note:

<sup>1</sup>Wiring for wired remote controller to be procured locally.

Item	Type	FDMG26NU	FDMG30NU	FDMG36NU	FDMG42NU	FDMG48NU	FDMG51NU	FDMG56NU
Remote controller		KRC47-1A						
Digital remote controller		KRC47-2A						

### DUCT CONNECTION LOW STATIC PRESSURE TYPE

Item	Type	FDBG18PU	FDBG21PU	FDBG26PU
Remote controller	Wired type <sup>1</sup>	BRC1C61		
	Wireless type	BRC4C64		

Note:

<sup>1</sup>Wiring for wired remote controller to be procured locally.

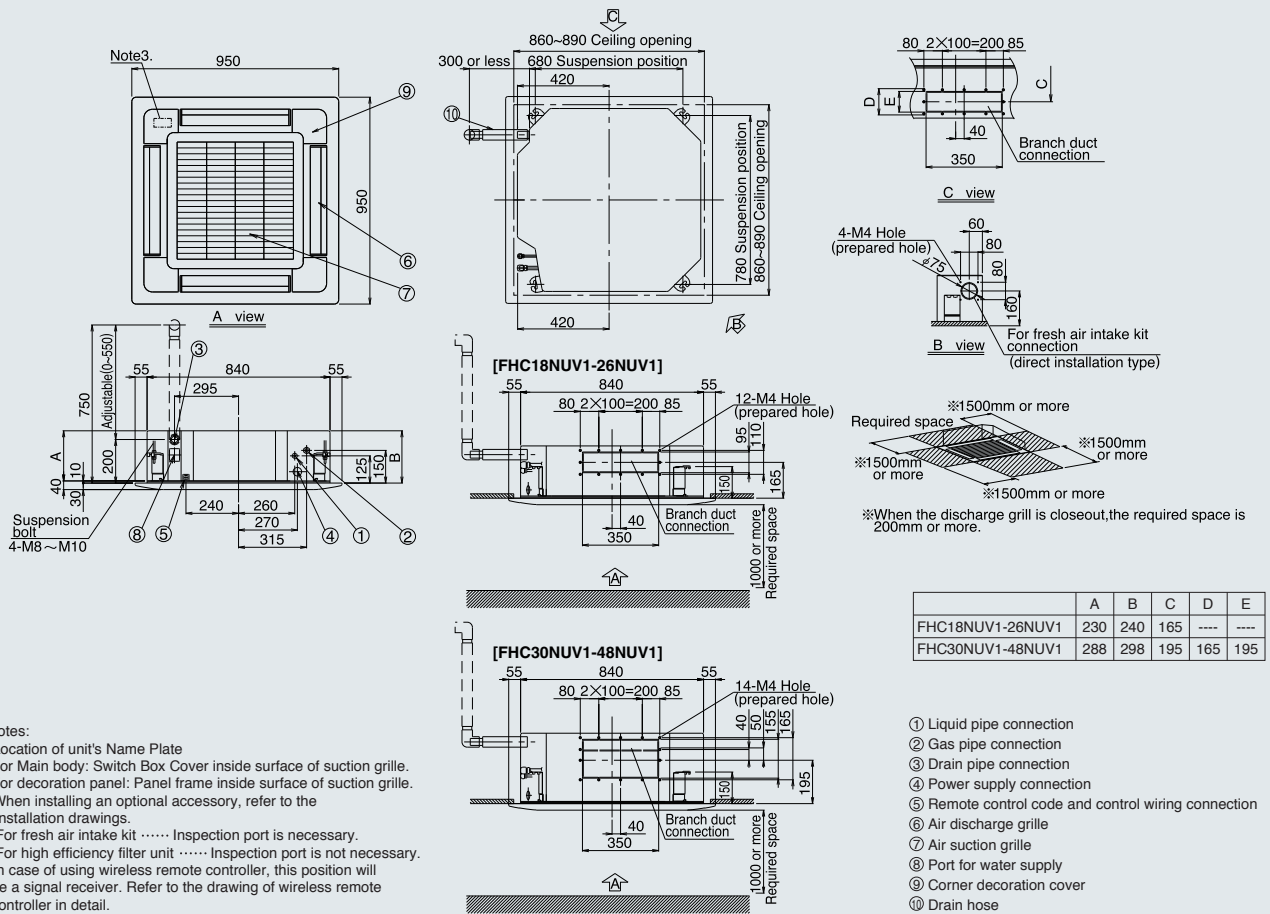
## Outdoor unit

Item	Type	R18NU	R21NU	R26NU	R30NU	R36NU	R42NU	R48NU	R51NU	R56NU
Drain piping kit		—	KIS95	—						
Central drain plug		KKPJ5F180								

# DIMENSIONS (Unit: mm)

## CEILING MOUNTED CASSETTE TYPE

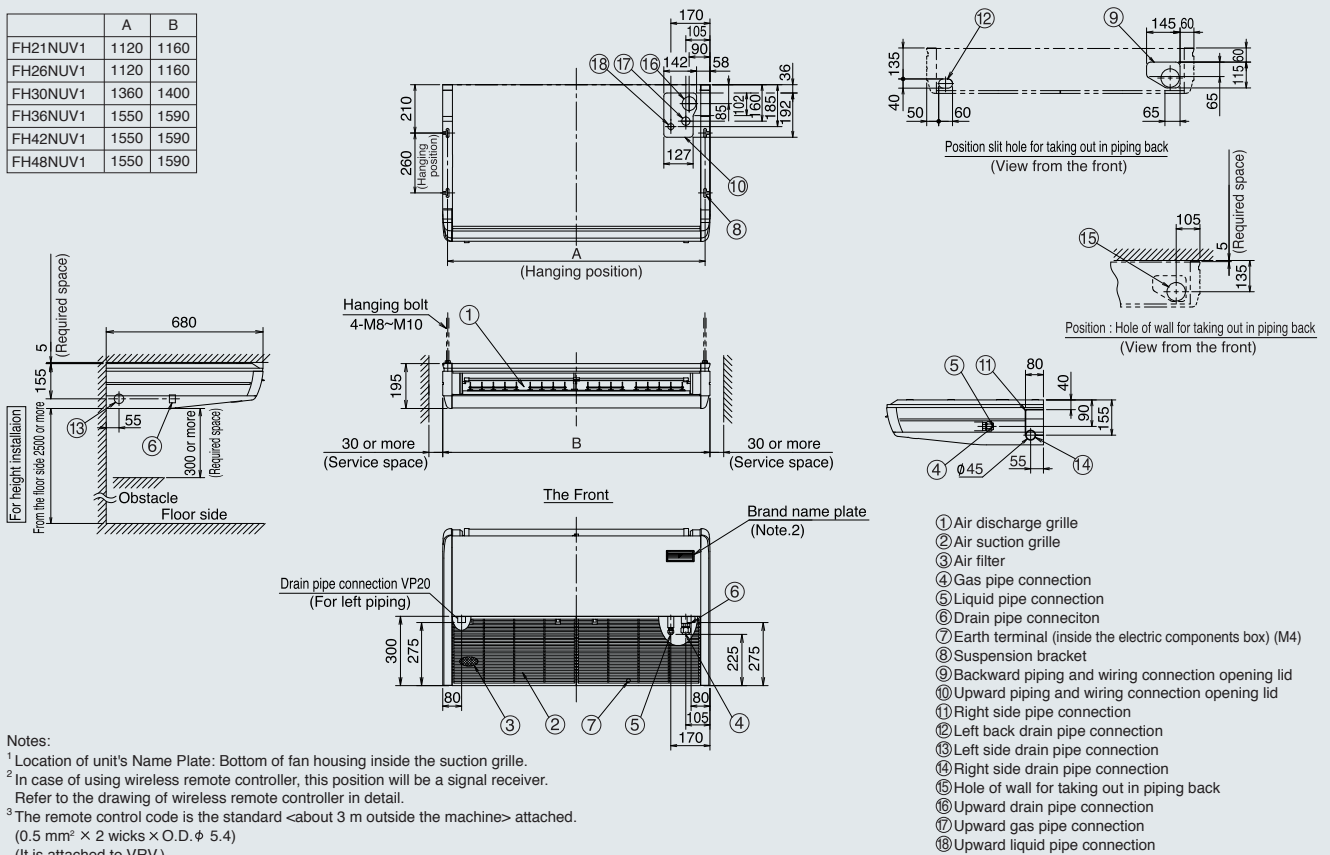
### FHC18NUV1 / 21NUV1 / 26NUV1 / 30NUV1 / 36NUV1 / 42NUV1 / 48NUV1



## CEILING SUSPENDED TYPE

### FH21NUV1 / 26NUV1 / 30NUV1 / 36NUV1 / 42NUV1 / 48NUV1

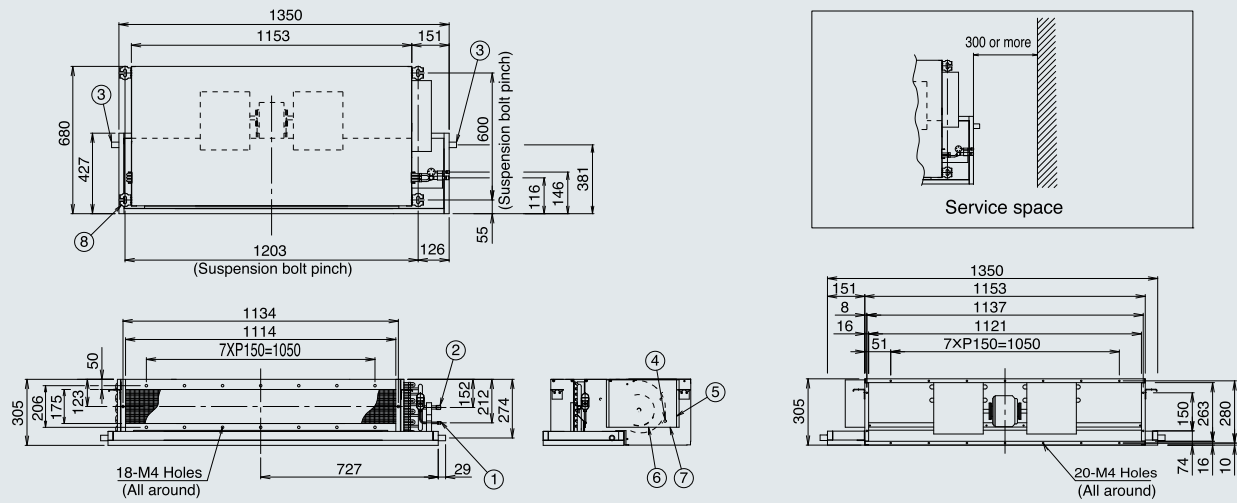
	A	B
FH21NUV1	1120	1160
FH26NUV1	1120	1160
FH30NUV1	1360	1400
FH36NUV1	1550	1590
FH42NUV1	1550	1590
FH48NUV1	1550	1590



# DIMENSIONS (Unit: mm)

## DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

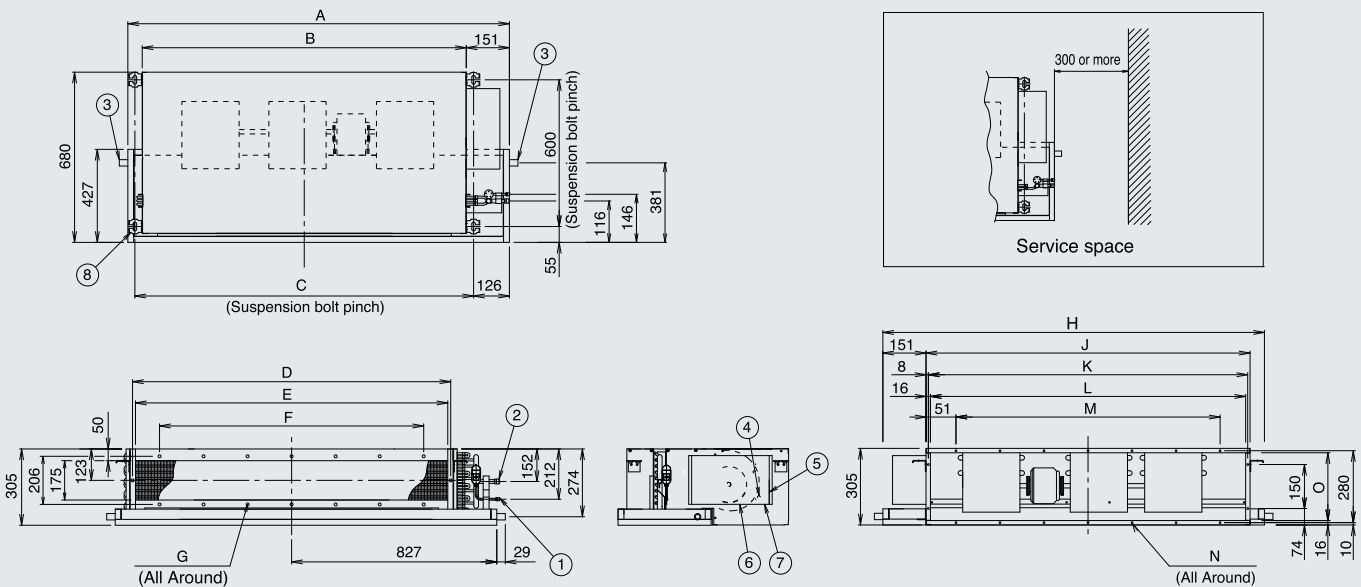
### FDMG26PUV1



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

Note: <sup>1</sup>Location of unit's Name Plate: Chamber cap

### FDMG30PUV1 / 36PUV1 / 42PUV1 / 48PUV1 / 51PUV1 / 56PUV1



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

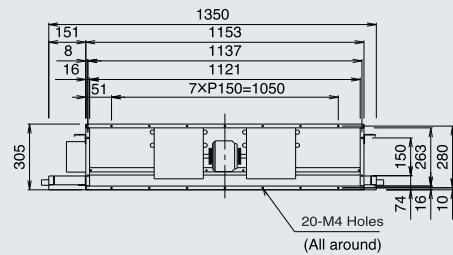
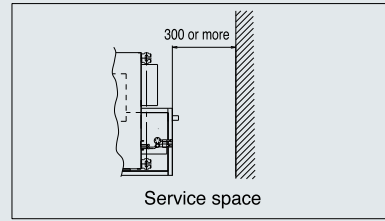
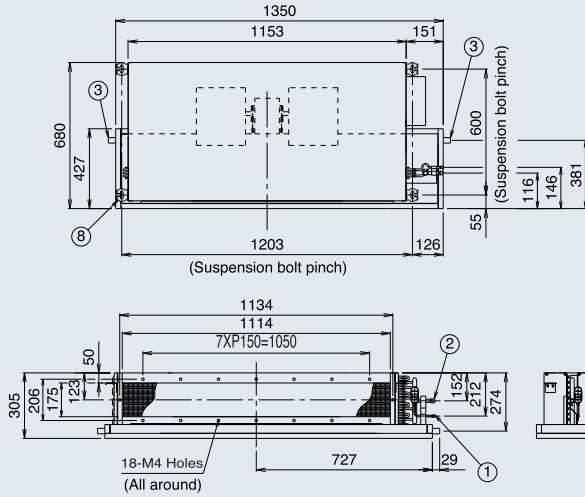
Note: <sup>1</sup>Location of unit's Name Plate: Chamber cap

	A	B	C	D	E	F	G	H	J	K	L	M	N	O
FDMG30NUV1/36NUV1/42NUV1/48NUV1	1550	1353	1403	1334	1314	7XP150=1050	18-M4 Holes	1550	1353	1337	1321	7XP150=1050	20-M4 Holes	263
FDMG51NUV1/56NUV1	1900	1703	1753	1684	1664	9XP150=1350	22-M4 Holes	1900	1703	1687	1671	9XP150=1350	24-M4 Holes	269



# DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

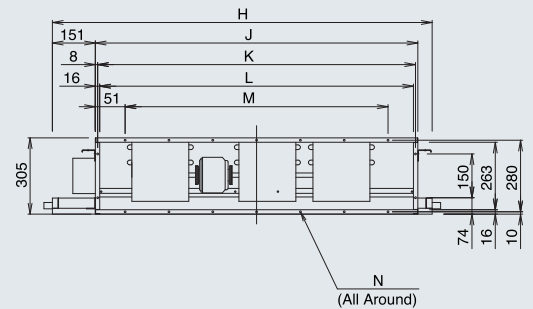
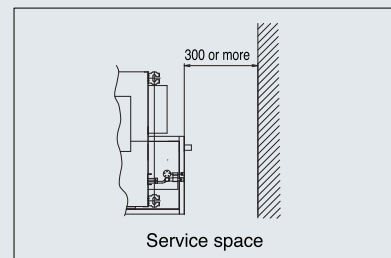
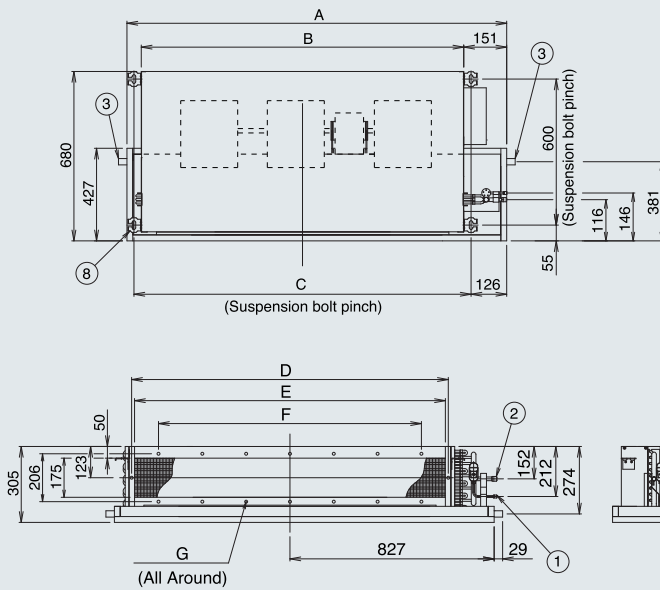
## FDMG26NUV1



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

Note: ① Location of unit's Name Plate: Chamber cap

## FDMG30NUV1 / 36NUV1 / 42NUV1 / 48NUV1 / 51NUV1 / 56NUV1



- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

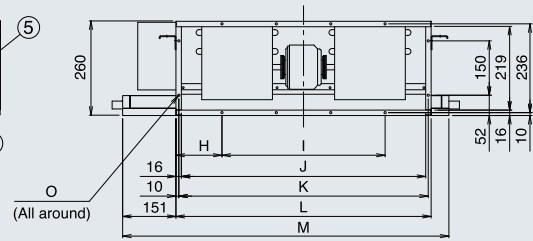
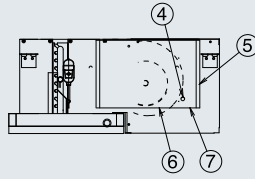
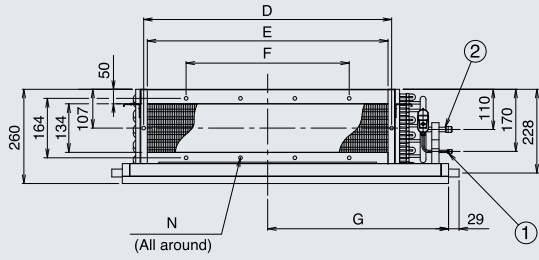
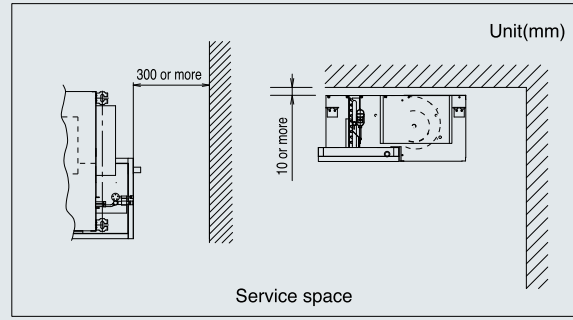
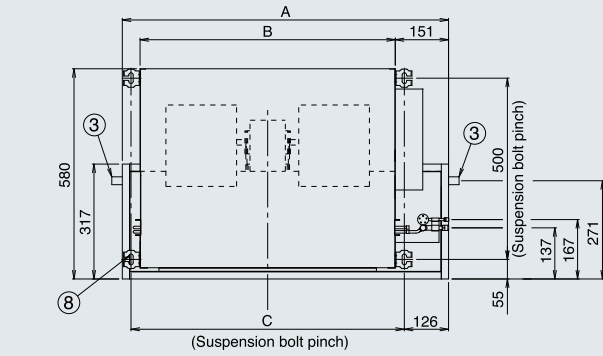
Note: ① Location of unit's Name Plate: Chamber cap

	A	B	C	D	E	F	G	H	J	K	L	M	N
FDMG30NUV1/36NUV1/42NUV1/48NUV1	1550	1353	1403	1334	1314	7XP150=1050	18-M4 Holes	1550	1353	1337	1321	7XP150=1050	20-M4 Holes
FDMG51NUV1/56NUV1	1900	1703	1753	1684	1664	9XP150=1350	22-M4 Holes	1900	1703	1687	1671	9XP150=1350	24-M4 Holes

# DIMENSIONS (Unit: mm)

## DUCT CONNECTION LOW STATIC PRESSURE TYPE

### FDBG18PUV1 / 21PUV1 / 26PUV1



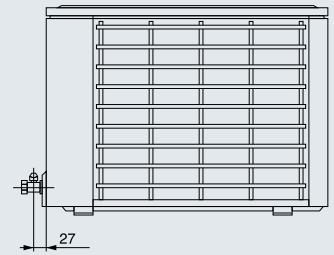
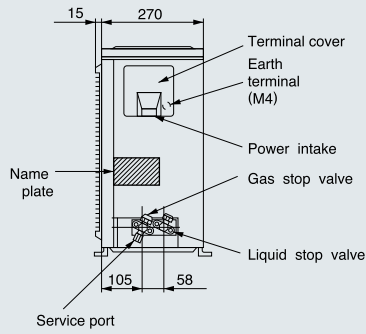
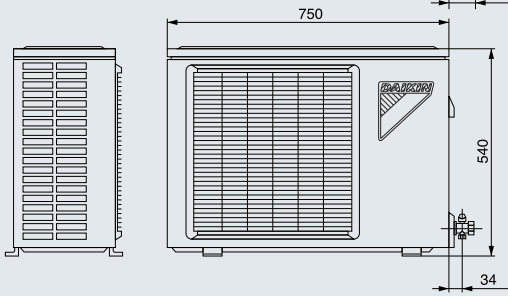
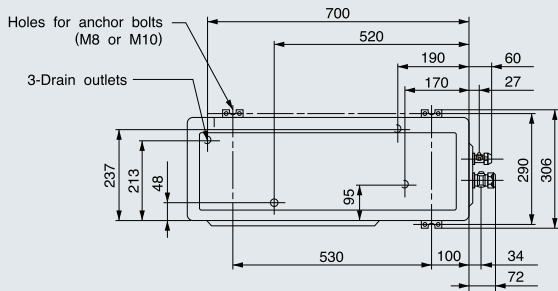
- ① Liquid pipe connection
- ② Gas pipe connection
- ③ Drain pipe connection
- ④ Ground terminal
- ⑤ Switch box
- ⑥ Control wiring intake (for remote controller)
- ⑦ Control wiring intake (for outdoor unit)
- ⑧ Suspension bracket

Note: ① Location of unit's Name Plate: Chamber cap

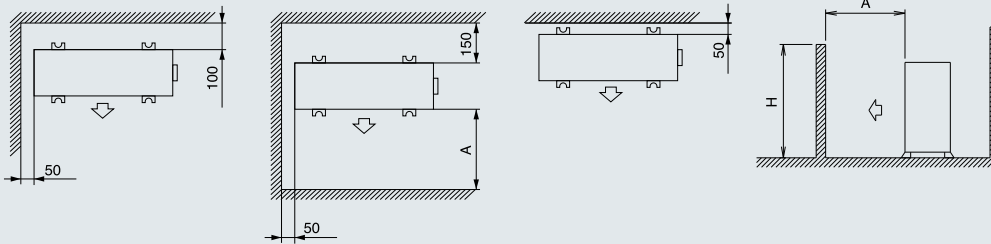
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
FDBG18PUV1	900	704	755	684	664	3XP150=450	500	127	3XP150=450	674	688	704	900	10-M4 Holes	12-M4 Holes
FDBG21PUV1/26PUV1	1300	1104	1155	1084	1064	6XP150=900	700	102	6XP150=900	1074	1088	1104	1300	16-M4 Holes	18-M4 Holes

# OUTDOOR UNIT

## R18NUV1

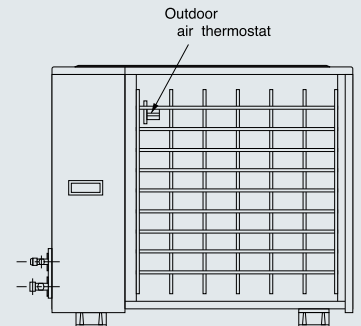
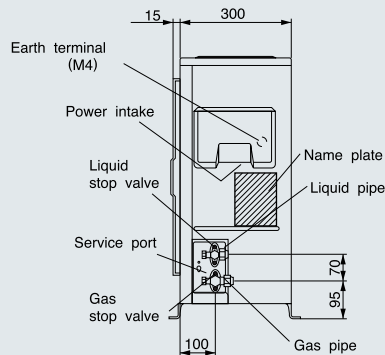
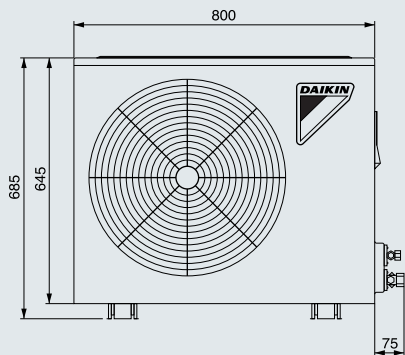
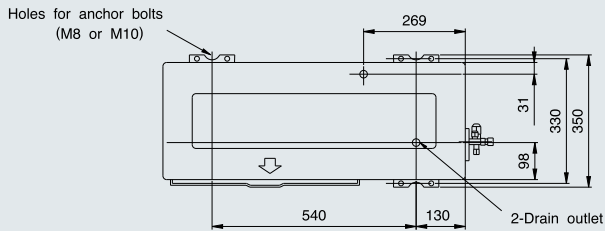


Minimum space for air passage

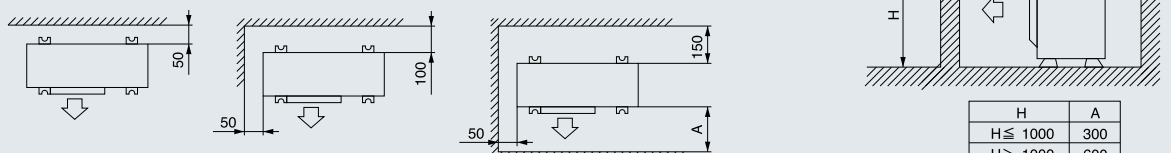


H	Space A
Less than 1000	More than 300
More than 1000	More than 600

## R21NUV1



Minimum space for air passage

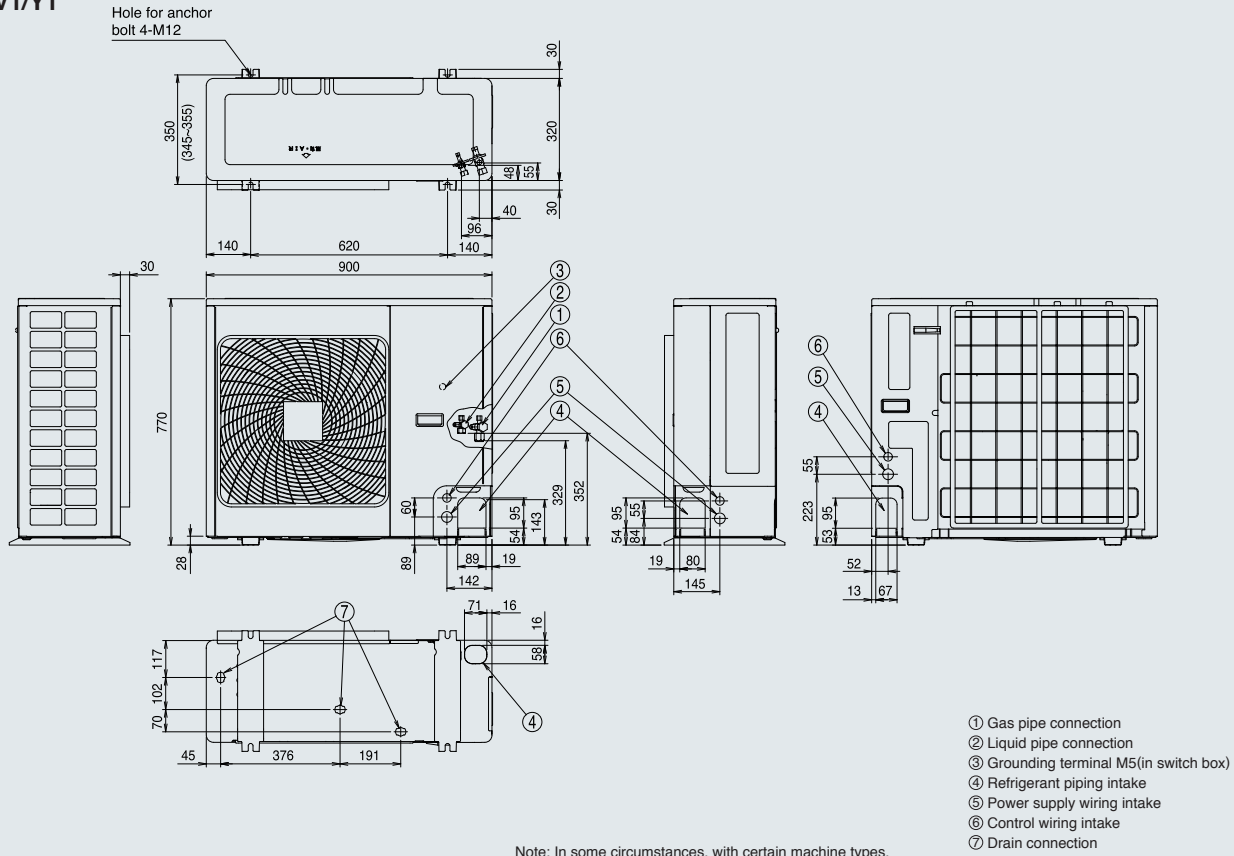


H	A
$H \leq 1000$	300
$H > 1000$	600

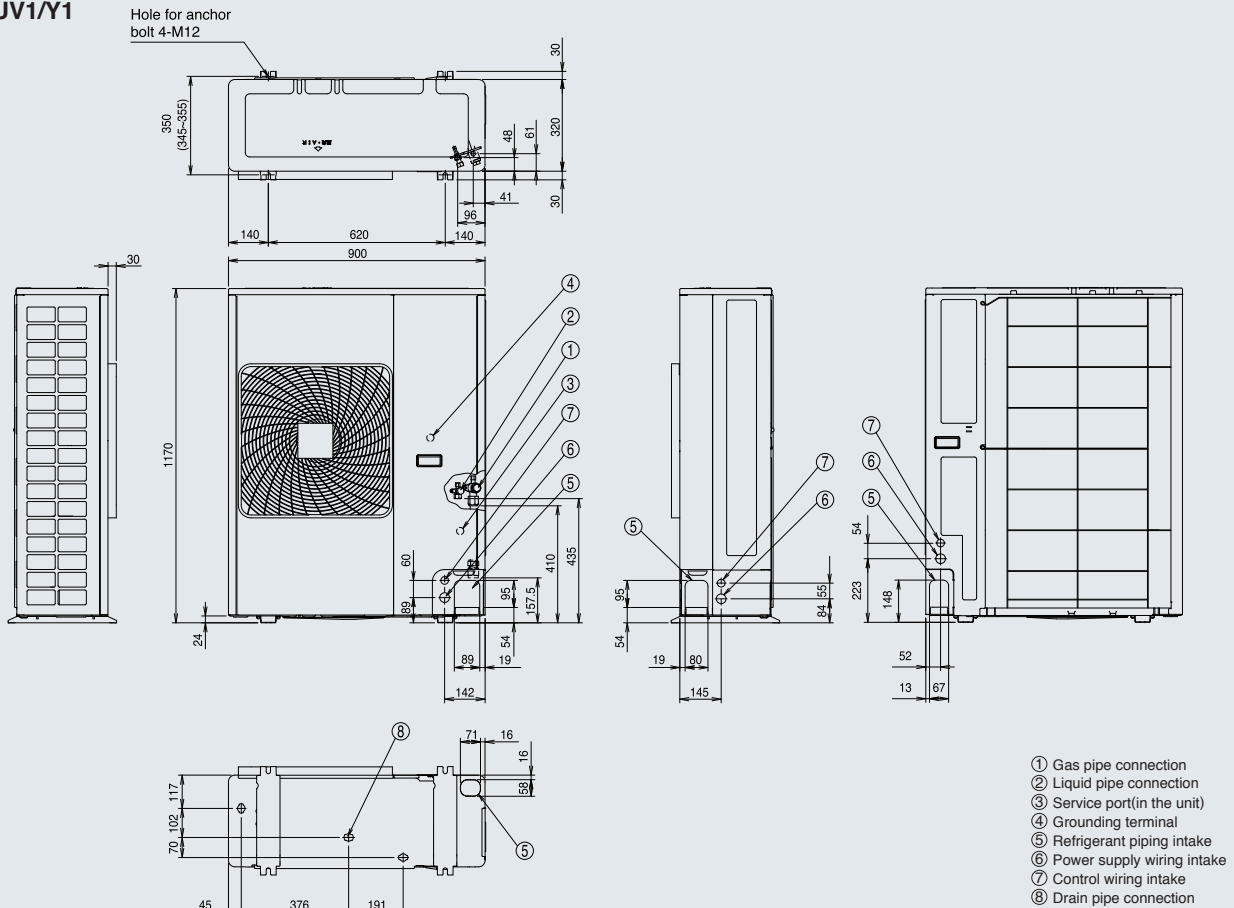
# DIMENSIONS (Unit: mm)

## OUTDOOR UNIT

R26NUV1/Y1  
R30NUV1/Y1

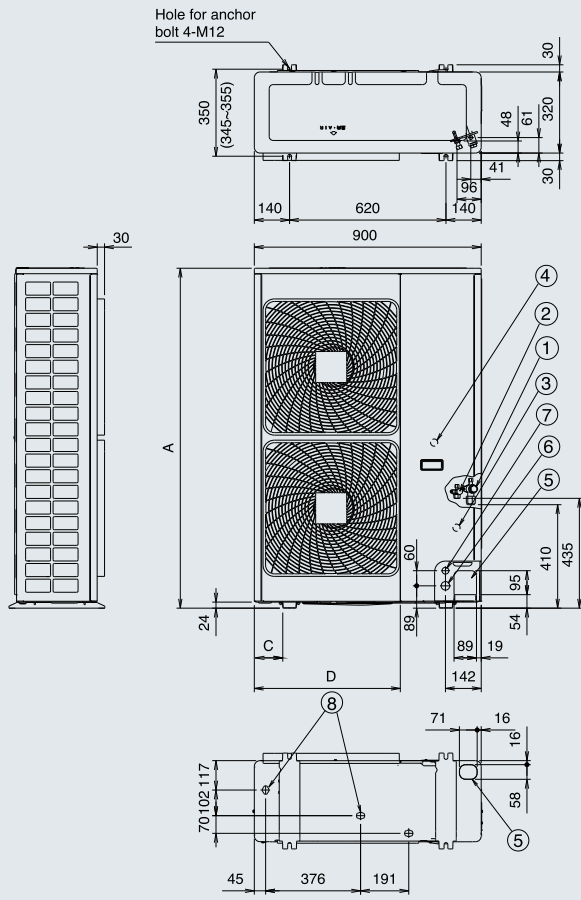


R36NUV1/Y1

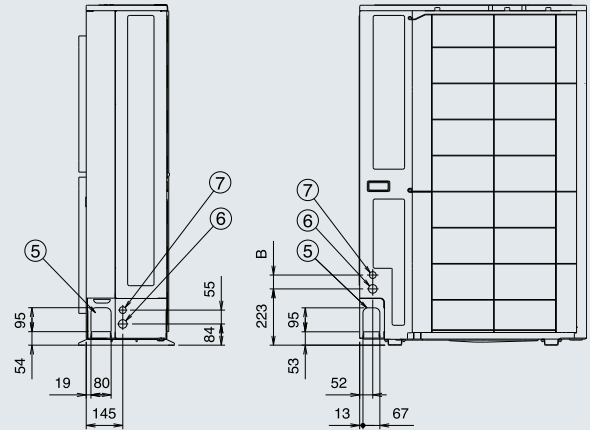


# OUTDOOR UNIT

## R42NUY1, R48NUY1, R51NUY1

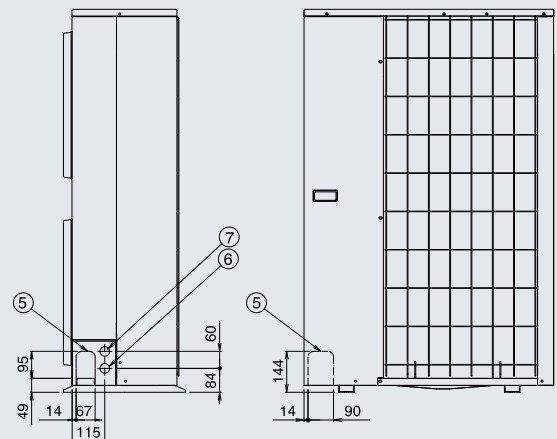
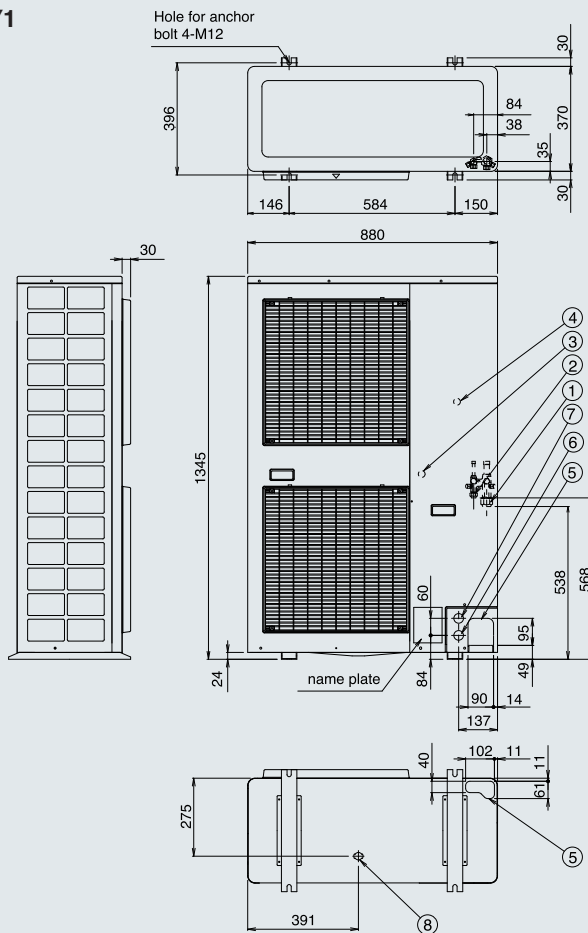


	A	B	C	D
R42NUY1	1170	54	113	579
R48NUY1/51NUY1	1345	55	-	-



- ① Gas pipe connection
- ② Liquid pipe connection
- ③ Service port (in the unit)
- ④ Grounding terminal M5 (in switch box)
- ⑤ Refrigerant piping intake
- ⑥ Power supply wiring intake
- ⑦ Control wiring intake
- ⑧ Drain pipe connection

## R56NUY1



- ① Gas pipe connection
- ② Liquid pipe connection
- ③ Service port (in the unit)
- ④ Grounding terminal M5 (in switch box)
- ⑤ Refrigerant piping intake
- ⑥ Power supply wiring intake
- ⑦ Control wiring intake
- ⑧ Drain outlet

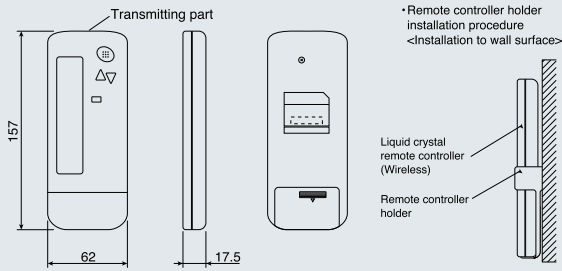
# DIMENSIONS

(Unit: mm)

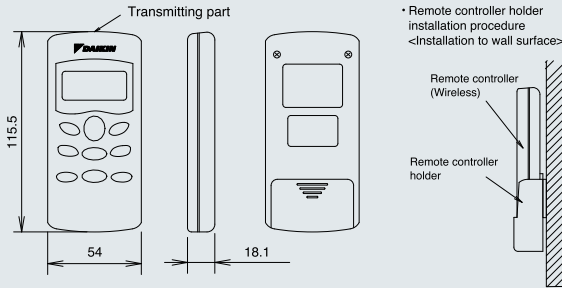
## REMOTE CONTROLLER

《Wireless type》 · Remote controller dimensions

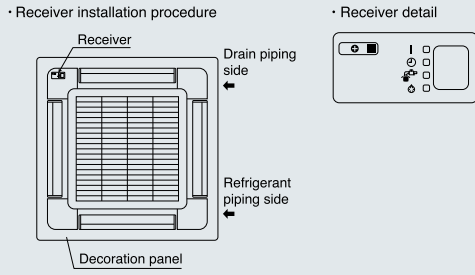
### BRC7C613W · BRC4C64



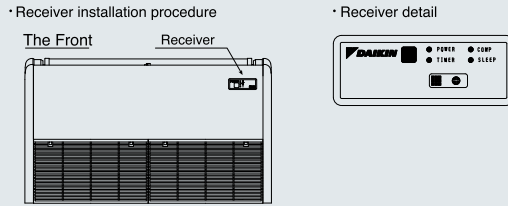
### BRC7NU66



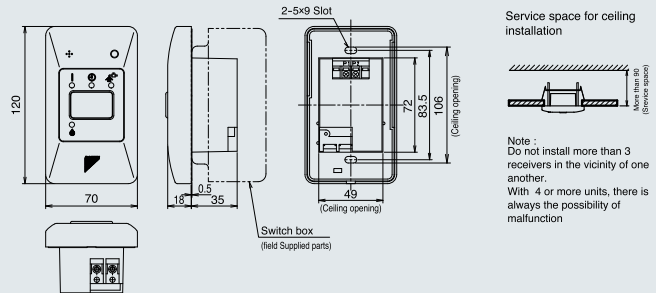
### CEILING MOUNTED CASSETTE TYPE



### CEILING SUSPENDED TYPE

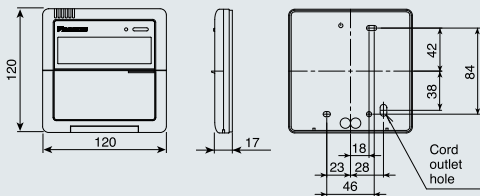


### Receiver detail



《Wired type》 · Remote controller dimensions

### BRC1C61

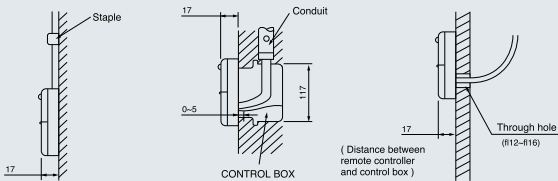


· Remote controller installation procedure

A) EXposed body, exposed cord

B) EXposed body, embedded cord

C) EXposed body, embedded code



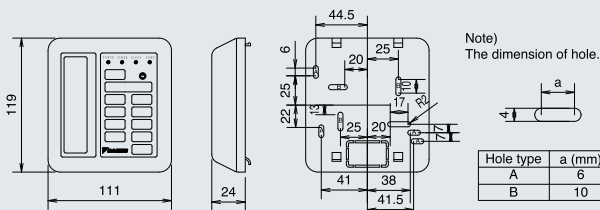
Note) 1. Remote controller cord and staple are not attached. they are field supplied parts.

### Specifications of cord

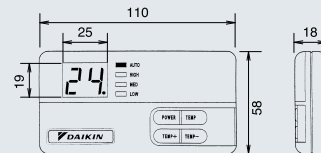
Type *	Vinyl cord with sheath or cable (Insulated thickness: 1 mm or more)
Size	0.75~1.25 mm <sup>2</sup>
Total length	500 m

\* Countries requiring EMC: Shield wire (insulated thickness: 1 mm or more)

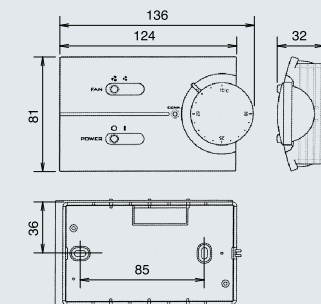
### BRC1NU61



### KRC47-2A



### KRC47-1A



# [Space required for outdoor unit installation] (Unit: mm)

Dimensions inside brackets [ ] indicate case where air direction adjustment guide is adjusted downward.

## For R26NU-56NU

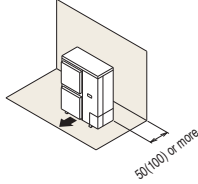
The values represent the case for the R26 type through R56 type.  
The dimensions in ( ) are for the R36 and R56 type (The unit values is mm.)  
In case of R56 model, the values in <> are those when the air discharge direction of the grille is downward.

### When there is an obstruction on the inlet side

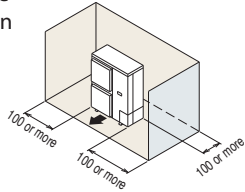
#### When the overhead space is open

1. For single unit installation

When there is an obstruction only on the inlet side

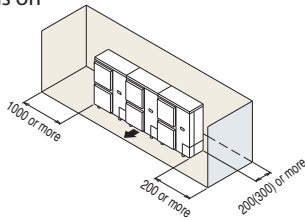


When there are obstructions on both sides



2. For series installation (more than two units)

When there are obstructions on both sides

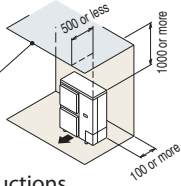


### When there is an obstruction in the overhead space

1. For single unit installation

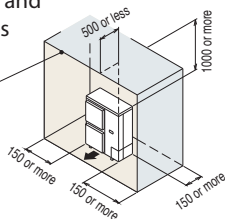
When there is an obstruction on the inlet side

An obstruction in the overhead space



When there are obstructions on the inlet side and both lateral sides

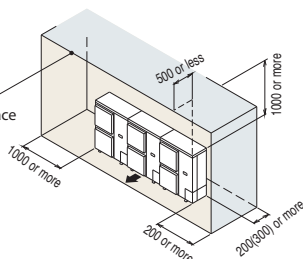
An obstruction in the overhead space



2. For series installation (more than two units)

When there are obstructions on the inlet side and both lateral sides

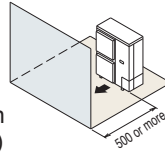
An obstruction in the overhead space



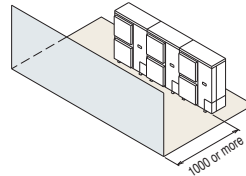
### When there is an obstruction on the outlet side

#### When the overhead space is open

1. For single unit installation



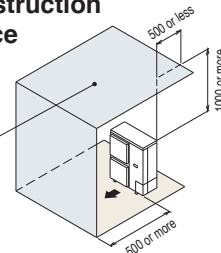
2. For series installation (more than two units)



### When there is an obstruction in the overhead space

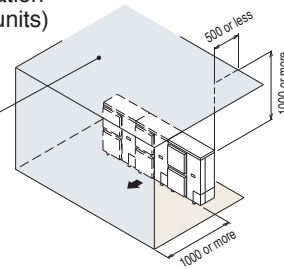
1. For single unit installation

An obstruction in the overhead space



2. For series installation (more than two units)

An obstruction in the overhead space



### When there are obstructions on both the inlet and outlet sides

#### Pattern 1

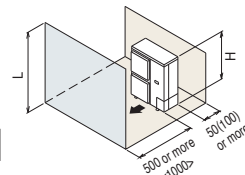
For other patterns, please refer to engineering databook.

When the obstruction on the outlet side is higher than the unit itself (There is no limit to the height of the obstruction on the outlet side.)

#### When the overhead space is open

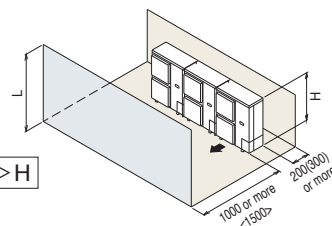
1. For single unit installation

$$L > H$$



2. For series installation (more than two units)

$$L > H$$



Warning



- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

**Daikin - Panasonic - Toshiba - Mitsubishi - Sanyo**  
**Sharp - Carrier - Trane - Reetech - LG - Samsung**  
**Hitachi - Sumikura - Nagakawa - Midea - Gree...**



**TƯ VẤN - THIẾT KẾ**  
**THI CÔNG - SỬA CHỮA**  
*Hợp đồng bảo trì dài hạn*



**Panasonic - Schneider - Ls - Mitsubishi**  
**Fuji - Shihlin - Delixi - Fuji - Chint...**

**CB - MCB - MCCB - ELCB - RCCB/RCBO - ACB**  
**Contactora - Relay nhiệt - Phích & ổ cắm công nghiệp**  
**Đèn báo - Nút nhấn - Contact - Đồng hồ A, V...**

**CUNG CẤP THIẾT BỊ CHÍNH HÃNG**

**Call: 0903152320 - Email: [auvietetc@gmail.com](mailto:auvietetc@gmail.com)**

**Cautions on product corrosion**

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



JMI-0107

Organization:  
 DAIKIN INDUSTRIES, LTD.  
 AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:  
 THE DESIGN/DEVELOPMENT AND MANUFACTURE OF  
 COMMERCIAL AIR CONDITIONING, HEATING, COOLING,  
 REFRIGERATING EQUIPMENT, COMMERCIAL HEATING  
 EQUIPMENT, RESIDENTIAL AIR CONDITIONING  
 EQUIPMENT, HEAT RECLAIM VENTILATION, AIR  
 CLEANING EQUIPMENT, MARINE TYPE CONTAINER  
 REFRIGERATION UNITS, COMPRESSORS AND VALVES.



JQA-1452

Organization:  
 DAIKIN INDUSTRIES  
 (THAILAND) LTD.

Scope of Registration:  
 THE DESIGN/DEVELOPMENT  
 AND MANUFACTURE OF AIR  
 CONDITIONERS AND THE  
 COMPONENTS INCLUDING  
 COMPRESSORS USED FOR THEM



EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

**Dealer**

**TOÀN CẦU Co., Ltd**

**CÔNG TY TNHH TM KỸ THUẬT LẠNH**

**TOÀN CẦU**

\* HỆ THỐNG LẠNH DÂN DỤNG & CÔNG NGHIỆP  
 \* THIẾT BỊ ĐIỆN CÔNG NGHIỆP

**NHÀ THẦU - CUNG CẤP THIẾT BỊ - TƯ VẤN - THIẾT KẾ - THI CÔNG:**

Addr: 951 Quốc lộ 1A, P.An Phú Đông, Q.12, TP.HCM - Tel/Fax: 08.37197688 - HP: 0979658334  
 Email: [avtoancau@gmail.com](mailto:avtoancau@gmail.com) - Website: [www.maylanhtoancau.com](http://www.maylanhtoancau.com)

**DAIKIN INDUSTRIES, LTD.**

Head Office:  
 Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,  
 Kita-ku, Osaka, 530-8323 Japan

Tokyo Office:  
 JR Shinagawa East Bldg., 2-18-1, Konan,  
 Minato-ku, Tokyo, 108-0075 Japan

[http://www.daikin.com/global\\_ac/](http://www.daikin.com/global_ac/)

©All rights reserved 04/11/002 YW-SS