



PLXSHK1505D

SkyAir



Ceiling Mounted Cassette 4-Way Series

FCRN-A Series



 COOLING ONLY [50HZ] 220V-240V, 380V-415V

R-410A

◆ Cassette 4-Way



Light Outdoor Unit

Whole range of outdoor units weights below 100kg, which is classified as Class 3 Minor Works corresponding to Hong Kong Building (Minor Works) Regulation. Extra saving on application approval of plans and statutory processing time.

 98kg



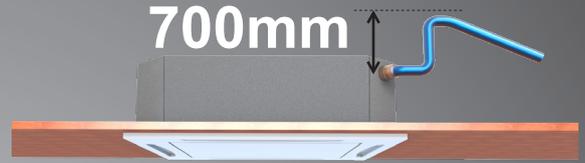
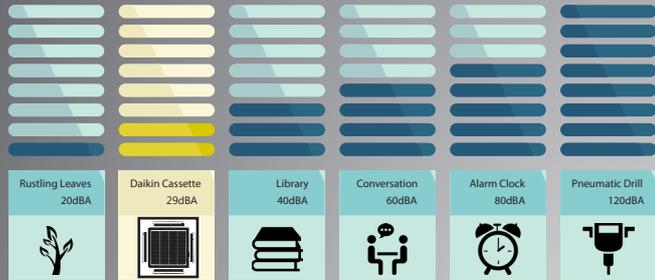
Outdoor unit RR140BY19



Features

Quiet Operation

Exceptional low sound level of 29dBA, with use of the latest fan technology



Built-in High Head Drain Pump

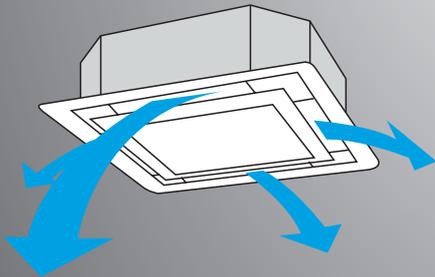
This unit comes with a condensate water drain pump which can pump water up to 700mm higher from drain pipe outlet. Safety float is incorporated to monitor water level.



Slim Outlook

This unit is designed to fit into tight ceiling and save space as it is only 246mm high.

Model	Unit Height (mm)
FCRN50/60/71A	246
FCRN100/125/140A	288



4-Way Air Flow

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

Uniformity in Size

All cassette panels come with same dimension across the whole range which promotes a neat and uniformed appearance when multiple units are installed. All the units come in pure white colour with matt finishing.





Installation Features

Detachable Corners

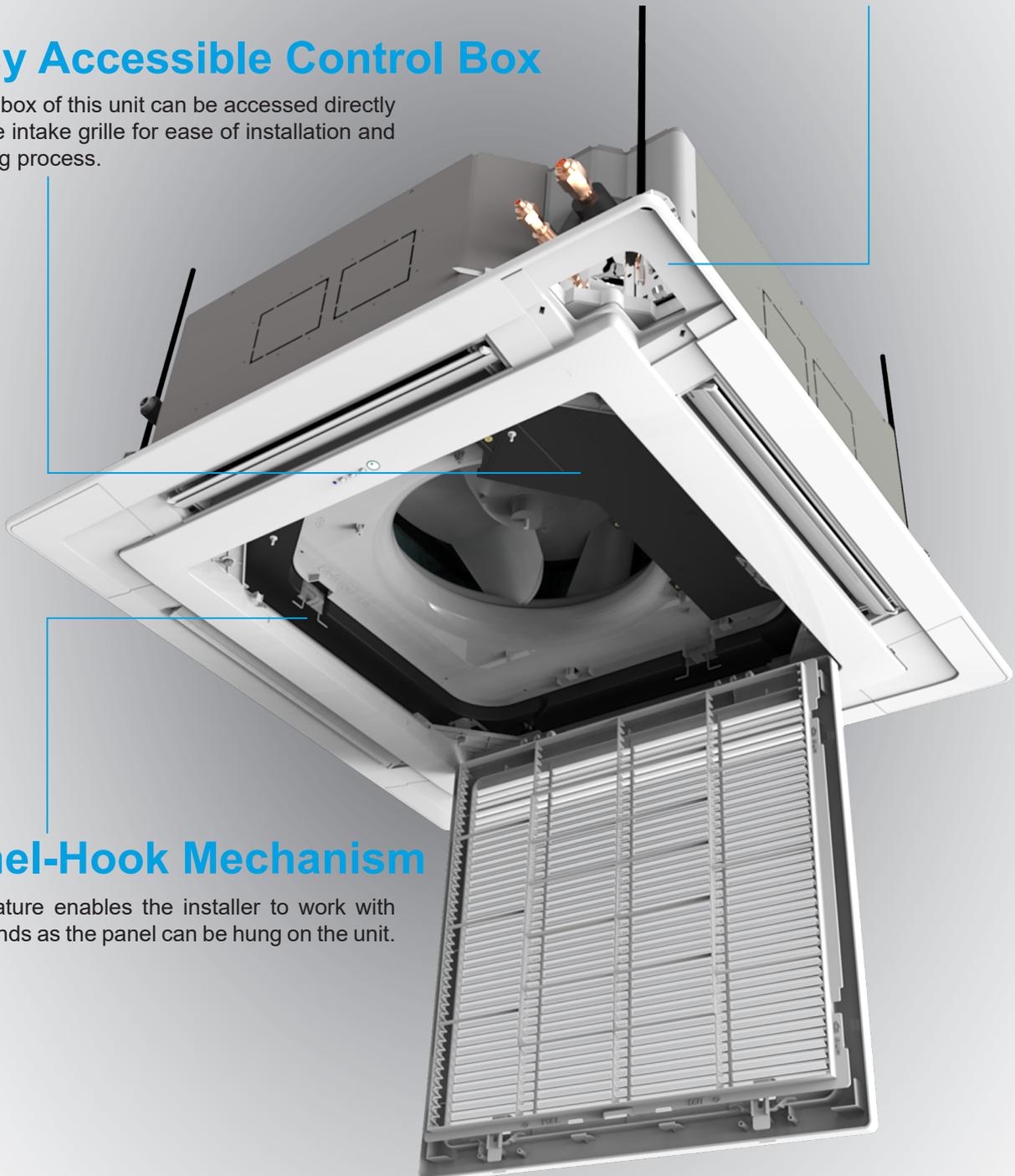
For the ease and flexibility of installation, this unit is designed with 4 detachable corners where installer is able to fit their hand in to adjust hanging hook and perform drain leakage check.

Easy Accessible Control Box

Control box of this unit can be accessed directly from the intake grille for ease of installation and servicing process.

Panel-Hook Mechanism

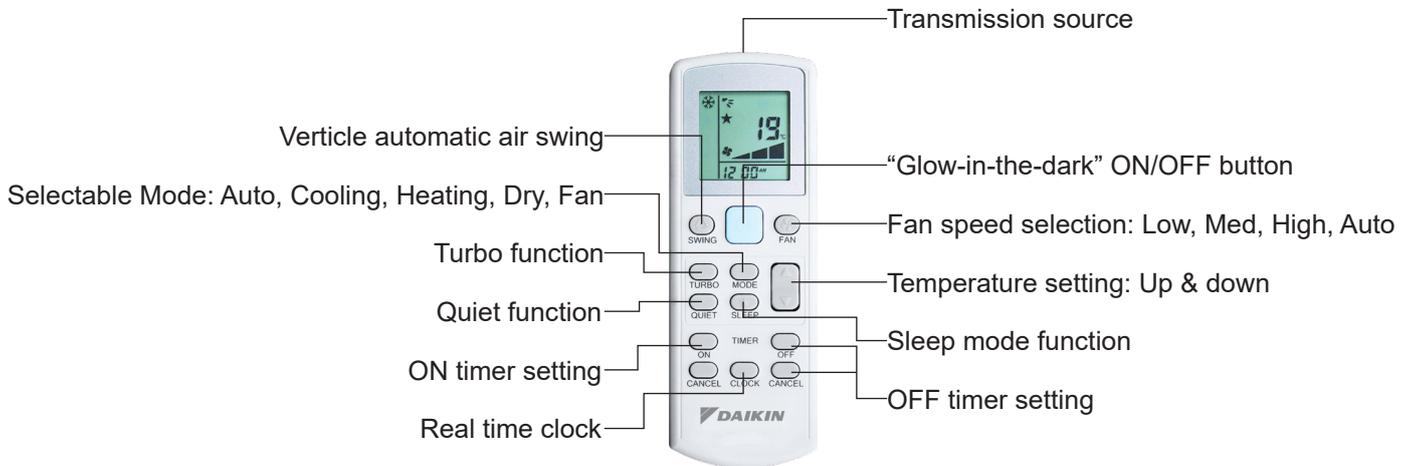
This feature enables the installer to work with both hands as the panel can be hung on the unit.





Controller Features

Wireless Remote Controller (LCD)



BRC52A



Optional Accessories

Wired Remote Controller (LCD)



BRC51A



Function Dictionary

COMFORT



Quiet Mode - Effective cooling with lower noise level



Dry Mode - Keeping the room dehumidified while maintaining room temperature



Sleep Mode

AIR FLOW



Selectable Fan Speed - Different fan speed is available for comfort selection



4 Way Air Discharge

IAQ



Washable Saranet Filter - Removal of airborne dust particles through saranet filter ensures cleaner air supply



Plasma

FIN TYPE



Bare Aluminium Fin



Anti Corrosion Hydrophilic Gold Fin

The outdoor models in the catalog comes with bare fin condenser. For gold fin outdoor model, specification remains the same with the below model name change:

Eg: RN50CGX16 to RY15CGXV19
"G" comes after the series name of the outdoor

CONTROLLER



With wireless remote controller



With wired remote controller

POWER SUPPLY



Power from Indoor



Power from Outdoor



Ceiling Cassette A Series



FCRN50/60/71/100/125/140AV1
(BC50FWA)



RN50/60BV19



RR71BV19
RR71BY19



RR100BV19
RR100/125/140BY19

Specification for Ceiling Cassette FCRN-A Series - Cooling only

Indoor model name		FCRN50AV1	FCRN60AV1	FCRN71AV1		FCRN100AV1		FCRN125AV1	FCRN140AV1	
Outdoor model name		RN50BV19	RN60BV19	RR71BV19	RR71BY19	RR100BV19	RR100BY19	RR125BY19	RR140BY19	
Panel model name		BC50FWA								
Nominal cooling capacity	Btu/h	18500	23000	28000		36000		42000	45000	
	kW	5.42	6.74	8.21		10.55		12.31	13.2	
Running current	A	7.75	9.09	13.60	5.22	16.70	6.00	6.57	8.34	
Power consumption	W	1760	2050	2930	2900	3770	3660	4110	4810	
Nominal EER	W/W	3.08	3.29	2.80	2.83	2.80	2.88	3.00	2.74	
Indoor	Power supply	Ph/V/Hz	1 Phase, 220-240V, 50Hz							
	Airflow	cfm	730/620/510/360	840/700/560/440	890/720/620/490		1030/870/730/580		1120/1030/890/760	
	Sound pressure level	dB(A)	38/35/33/29	39/37/34/31	41/38/35/32		46/41/37/34		48/45/41/37	
	Height [with Panel]	mm	246 [301]				288 [343]			
	Width [with Panel]	mm	840 [950]							
	Depth [with Panel]	mm	840 [950]							
	Net Weight [with Panel]	kg	22 [27]				25 [30]			29 [34]
	Pipe connection - Drain	mm	19.05							
	Indoor air quality	-	Saranet Filter							
Outdoor	Power supply	Ph/V/Hz	1 Phase, 220-240V, 50Hz			3 Phase, 380-415V, 50Hz	1 Phase, 220-240V, 50Hz	3 Phase, 380-415V, 50Hz		
	Sound pressure level	dB(A)	52			58			60	
	Dimensions (HxWxD)	mm	651x855x328			753x855x328		852x1030x428		
	Net weight	kg	43	47	57	56	71	95	98	
	Pipe connection - Liquid	mm	6.35			9.52				
	Pipe connection - Gas	mm	12.7	15.88						
	Pre-charged refrigerant (R410A)	kg	1.00	1.75	2.10		1.90	1.75	2.70	3.05
	Pre-charged refrigerant length	m	7.5							
	Minimum piping length	m	3							
	Max. piping length	m	30			45		50		
Max. piping elevation	m	15			25		30			

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.

Caution**Cautions on product corrosion**

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

Dealer**DAIKIN MALAYSIA SDN. BHD.**

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