








Ceiling Cassette Series **R410A**



Product Line Up

Ceiling Cassette Series

		Indoor Model	Outdoor Model	Capacity Range
TYPE OF REFRIGERANT	R410A	 FFN10/15CV1	 RN10/15FV1	1.0 - 1.5 hp
		 FCN20/25/30/35/40/50FV1 *Panel : BCFG1	 RN20/25CV1  RN28/30CV1  RN35DV1 RN40-50DY1	2.0 - 5.0 hp

Product Features



Technology

High effectively to deactivate bacteria by damaging those microbial DNA and their surface structures by this advanced plasma technology.

It emits massive positive and negative ions, and sterilize surrounding air with more effectively. FCN-F series emit 100 times more ions than ionizer technology in the current market by using our advance i-plasma technology.

Daikin FCN-F series ensures a clean and healthy environment lifestyle for you and your family.

Emit 100x more ions*
than Ionizer technology.

*positive + negative ions



Inspired by nature

Elegant Design Panel

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



Cassette
Panel



Intake
Grille



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

Product Features

Exclusive Surround Air Flow

* Applicable for FCN-F series only.

Surround air flow feature provides an even air distribution and remarkably fast cooling to the entire area.



Compact and Easy-To-Use Controller

* Applicable for FFN-C and FCN-F with BCFG1 Panel only.

- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons.



DGS01 Wireless Controller

High Efficiency Hydrophilic Fin

The hydrophilic coated fin ensures the condensate water moves easily to the drain pan thus enhancing the cleanliness and lifespan of the cooling coil.

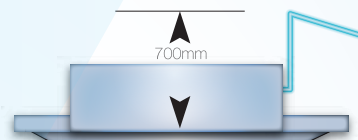
5 + 1 Years Warranty

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



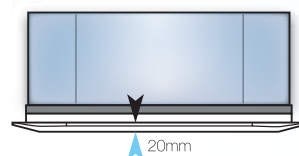
Built-in High Head Drain Pump

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



Elegantly Designed Panel

The slim panel can be blended into any decoration and design.



Slim Wired Controller (Optional)

The unit also offers an optional wired controller upon your special requirement.

* Not applicable for CoolLight Series

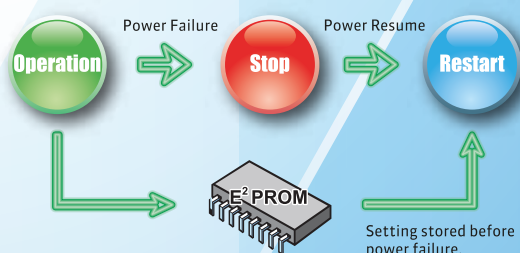
- Dedicated buttons for Quiet and Turbo functions.
- Key lock function.
- Real-time timer. (7 days option, 2 events daily)



DSLM8 Wired Controller

Auto Random Restart

In the event of a sudden power failure during operation, unit can be automatically restarted (subject to certain protection conditions) from last setting condition. This eliminates the need to restart manually after each power failure.





FFN10/15CV1



FCN20/25/30/35/40/50FV1
*Panel : BCFG1

Specifications

R410A

MODEL	INDOOR UNIT		FFN10CV1	FFN15CV1
	OUTDOOR UNIT		RN10FV1	RN15FV1
TOTAL COOLING CAPACITY		Btu/hr	9,500	12,500
		kW	2.78	3.66
INPUT POWER		W	950	1,250
RUNNING CURRENT, 1Ø[3Ø]		A	4.26	5.60
EER		Btu/hr/W /W/W	10.00 / 2.93	10.00 / 2.93
POWER SOURCE		V/Ph/Hz	220-240 / 1 / 50	
REFRIGERANT TYPE/CONTROL			R-410A / OUTDOOR CAP. TUBE	
AIR FLOW		CFM	410	
SOUND PRESSURE LEVEL	HIGH	dBA	41	41
	LOW		35	34
UNIT DIMENSION (WITH PANEL) (HxWxD)	INDOOR UNIT	mm	250 x 570 x 570 (295 x 640 x 640)	
	OUTDOOR UNIT		550 x 658 x 273	
UNIT WEIGHT	INDOOR UNIT (UNIT + PANEL)	kg	15.5 + 2	
	OUTDOOR UNIT		28	29
COPPER PIPE SIZE	LIQUID	mm/in	6.35 / 1/4	
	GAS	mm/in	9.52 / 3/8	12.7 / 1/2
HEAT INSULATION			BOTH LIQUID AND GAS PIPING	

MODEL			INDOOR UNIT		FCN20FV1	FCN25FV1	FCN30FV1		FCN35FV1	FCN40FV1	FCN50FV1
			OUTDOOR UNIT		RN20CV1	RN25CV1	RN28CV1	RN30CV1	RN35DV1	RN40DY1	RN50DY1
TOTAL COOLING CAPACITY			Btu/hr	18,500	23,000	28,000	30,000	36,000	42,000	46,000	
			kW	5.42	6.7	8.21	8.79	10.55	12.31	13.50	
INPUT POWER			W	1,795	2,090	2,810	2,930	3,770	4,110	4,800	
RUNNING CURRENT, 1Ø[3Ø]			A	7.92	9.24	13.0	13.6	16.7	[6.57]	[8.39]	
EER			Btu/hr/W /W/W	10.51 / 3.02	11.23 / 3.22	9.87 / 2.92	10.24 / 3.00	9.55 / 2.80	10.24 / 3.00	9.59 / 2.81	
POWER SOURCE			V/Ph/Hz	220-240 / 1 / 50					380-415 / 3 / 50		
REFRIGERANT TYPE AND CONTROL				R410A / Outdoor Cap.Tube							
AIR FLOW			CFM	840	890	890		1030	1120	1120	
SOUND PRESSURE LEVEL	HIGH	dBA	39	41	41		46	48	48		
	LOW		34	35	35		37	41	41		
UNIT DIMENSION (WITH PANEL) (HXWXD)	INDOOR UNIT	mm	246 x 840 x 840 (305 x 950 x 950)					288 x 840 x 840 (347 x 950 x 950)			
	OUTDOOR UNIT		651 x 855 x 328		753 x 855 x 328		852 x 1,030 x 400				
UNIT WEIGHT	INDOOR UNIT (UNIT + PANEL)	kg	22 + 5					25 + 5		25 + 5	
	OUTDOOR UNIT		43	47	57		71	95	84		
PIPE CONNECTION		SIZE	LIQUID	mm	6.35 / 1/4		9.52 / 3/8				
		GAS	mm	12.7 / 1/2	15.88 / 5/8						
HEAT INSULATION				BOTH LIQUID AND GAS PIPING							

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
3) NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
COOLING 27°C DB / 19°C WB INDOOR AND 35°C DB OUTDOOR.
4) SOUND PRESSURE LEVEL ARE MEASURED IN ANECHOIC CHAMBER. DURING ACTUAL OPERATION,
SOUND PRESSURE LEVEL WILL BE HIGHER AS A RESULT OF ROOM SEPCIFICATION CONDITION.



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Authorized dealer:

R410A

Non Inverter

Ceiling
Concealed
Series



R410A

Features

Hidden Comfort

The application of the FDBN/FDMN series are installed conveniently above the ceiling, making it an ideal cooling choice for both commercial and residential applications. Highly recommended for restaurants, offices and houses with sufficient ceiling height.

Even Air Distribution

The ducting system distributes air flow remarkably even to all corners of the room, delivering option cooling efficiency and comfort.

Evergreen Prestige

Unlike other indoor units split air-conditioning, FDBN/FDMN series will not tarnish along with time. With its unique concealed application, FDBN/FDMN series stays evergreen forever.

5+1 Years Warranty

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



Slim Wired Controller

- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons.
- Dedicated buttons for Quiet and Turbo functions
- Key lock function
- Real-time timer (7 days option, 2 events daily)



DSLM8 Wired Controller

Specification



FDBN10CV1M
FDMN10CV1M



FDBN15/20/25CV1M
FDMN15/20/25CV1M



FDMN30/40/50/60CV1M

R410A

MODEL	INDOOR UNIT OUTDOOR UNIT	LOW STATIC PRESSURE HIGH STATIC PRESSURE	FDBN10CV1M FDMN10CV1M	FDBN15CV1M FDMN15CV1M	FDBN20CV1M FDMN20CV1M	FDBN25CV1M FDMN25CV1M
			RN10FV1	RN15FV1	RN20CV1	RN25CV1
TOTAL COOLING CAPACITY		Btu/hr	9,000	12,000	18,000	21,000
		W	2,630	3,510	5,270	6,150
INPUT POWER	FDBN SERIES FDMN SERIES	W	977 970	1,420 1,430	1,799 1,835	2,042 2,080
RUNNING CURRENT, 1Ø [3Ø]	FDBN SERIES FDMN SERIES	A	4.38 4.35	6.35 6.41	7.93 8.12	9.03 9.24
EER	FDBN SERIES FDMN SERIES	Btu/hr/W / W/W	9.21 / 2.70 9.28 / 2.72	8.45 / 2.48 8.39 / 2.46	10.00 / 2.93 9.81 / 2.87	10.28 / 3.01 10.10 / 2.96
POWER SOURCE		V/Ph/Hz	220-240 / 1 / 50			
REFRIGERANT TYPE AND CONTROL			R410A / Outdoor Cap.Tube			
EXT. STATIC PRESSURE	FDBN SERIES FDMN SERIES	Pa	10 / 8 / 5		20 / 19 / 16	20 / 18 / 15
AIR FLOW		CFM	30 / 25 / 18	30 / 23 / 19	40 / 37 / 30	50 / 46 / 35
SOUND PRESSURE LEVEL (H/L)	FDBN SERIES FDMN SERIES	dBA	250 32/26	410 36/27	540 38/35	607 40/38
UNIT DIMENSION (HxWxD)	INDOOR UNIT OUTDOOR UNIT	mm	33/26 261 x 765 x 411	37/29 261 x 905 x 411	39/37 261 x 1065 x 411	41/39 261 x 1200 x 411
UNIT WEIGHT	INDOOR UNIT OUTDOOR UNIT	kg	18 28	22 29	24 43	26 47
PIPE CONNECTION	SIZE	LIQUID GAS	6.35 / 1/4			
		mm	9.52 / 3/8	12.7 / 1/2		15.88 / 5/8
MAX. PIPING LENGTH		m	20		30	
MAX. HEIGHT DIFFERENCE			10		15	
HEAT INSULATION			Both Liquid and Gas Piping			

MODEL			INDOOR UNIT OUTDOOR UNIT	FDMN30CV1M		FDMN40CV1M		FDMN50CV1M	FDMN60CV1M
				RN28CV1	RN30CV1	RN35DV1	RN40DY1	RN50DY1	RN61DY1
TOTAL COOLING CAPACITY			Btu/hr	28,000	30,000	36,000	42,000	47,000	55,000
			W	8,210	8,790	10,550	12,310	13,770	16,120
INPUT POWER			W	3,000	3,150	4,150	4,500	5,100	5,758
RUNNING CURRENT, 1Ø [3Ø]			A	13.70	14.40	18.20	[7.30]	[8.66]	[9.40]
EER			Btu/hr/W / W/W	9.33 / 2.74	9.52 / 2.79	8.67 / 2.54	9.33 / 2.74	9.22 / 2.70	9.55 / 2.80
POWER SOURCE			V/Ph/Hz	220-240 / 1 / 50			380 - 415 / 3 / 50		
REFRIGERANT TYPE AND CONTROL				R410A / Outdoor Cap.Tube					
EXT. STATIC PRESSURE			Pa	100 / 82 / 60		100 / 67 / 45		100 / 81 / 70	100 / 72 / 58
AIR FLOW			CFM	970		1,300		1,500	1,660
SOUND PRESSURE LEVEL (H/L)			dBA	47 / 42		50 / 43		51 / 46	52 / 47
UNIT DIMENSION (HxWxD)	INDOOR UNIT			378 x 929 x 541		378 x 1,045 x 541		378 x 1,299 x 541	378 x 1,499 x 541
	OUTDOOR UNIT		mm	756 x 855 x 328		852 x 1,030 x 400			
UNIT WEIGHT	INDOOR UNIT		kg	42		44		50	56
	OUTDOOR UNIT			57		71	95	84	105
PIPE CONNECTION	SIZE	LIQUID	mm	9.52 / 3/8					
		GAS	mm	15.88 / 5/8					
MAX. PIPING LENGTH			m	45	50				35
MAX. HEIGHT DIFFERENCE				25	30				15
HEAT INSULATION				Both Liquid and Gas Piping					

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2) ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARD ISO13253.

3) NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW :

COOLING 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

4) SOUND PRESSURE LEVELS ARE MEASURED IN ANECHOIC CHAMBER. DURING ACTUAL OPERATION, SOUND PRESSURE LEVEL WILL HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.

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Authorized dealer:

R410A

Non Inverter

Ceiling
Exposed
Series

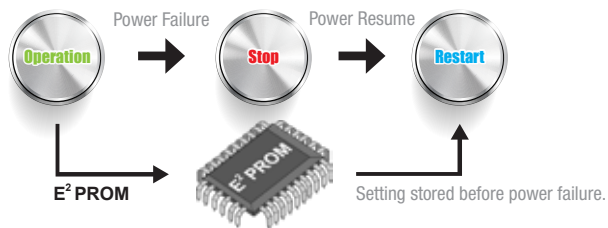


R410A

Features

Auto Random Restart

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



5+1 Years Warranty

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



Compact and Easy-To-Use Controller

- Prominent temperature display.
- Real-time clock display.
- Easily accessible buttons



DGS01 Wireless Controller

Slim Wired Controller (Optional)

The unit also offers an optional wired controller upon your special requirement.

- Dedicated buttons for Quiet and Turbo functions
- Key lock function
- Real-time timer (7 days option, 2 events daily)



DSLM8 Wired Controller

Specifications



FHN15/20/25CBV1L
FHN15/20/25CBV1M



FHN30CBV1L
FHN30CBV1M



FHN35/40/50CBV1L, FHN35/40/50CBV1M
FHN62CV1L, FHN62CV1M

R410A

MODEL	INDOOR UNIT		WIRELESS	FHN15CBV1L	FHN20CBV1L	FHN25CBV1L	FHN30CBV1L		FHN35CBV1L	FHN40CBV1L	FHN50CBV1L	FHN62CV1L	
			WIRED	FHN15CBV1M	FHN20CBV1M	FHN25CBV1M	FHN30CBV1M		FHN35CBV1M	FHN40CBV1M	FHN50CBV1M	FHN62CV1M	
	OUTDOOR UNIT			RN15FV1	RN20CV1	RN25CV1	RN28CV1	RN30CV1	RN35DV1	RN40DY1	RN50DY1	RN61DY1	
TOTAL COOLING CAPACITY			Btu/hr	12,500	18,000	21,000	27,000	29,000	35,000	41,000	44,500	55,000	
			W	3.660	5.270	6.150	7.913	8.490	10.250	12.010	13.040	16.110	
INPUT POWER			W	1,270	1,760	2,020	2,820	2,950	3,800	4,100	4,900	6,414	
RUNNING CURRENT, I _a [30]			A	5.69	7.80	9.00	13.20	13.70	16.90	[6.58]	[8.52]	[9.60]	
EER			W/W	2.88	3.00	3.05	2.81	2.88	2.70	2.93	2.66	2.51	
POWER SOURCE			V/Ph/Hz	220-240 / 1 / 50						380 - 415 / 3 / 50			
REFRIGERANT TYPE AND CONTROL				R410A / Outdoor Cap.Tube									
AIR FLOW			CFM	550	608		792		1,015	1,107	1,247	1,550	
SOUND PRESSURE LEVEL	HIGH	dBA	43	46			48		49	54	56		
	LOW		34	39		40		41	43	50	46		
UNIT DIMENSION (HxWxD)	INDOOR UNIT	mm	235 x 1,203 x 680			235 x 1,553 x 680		235 x 1,903 x 680			285 x 1,903 x 680		
	OUTDOOR UNIT		550 x 658 x 273	654 x 855 x 328		756 x 855 x 328		852 x 1030 x 400					
UNIT WEIGHT	INDOOR UNIT	kg	30	31		41		51	52	55	70		
	OUTDOOR UNIT		29	43	47	57		71	95	84	105		
PIPE CONNECTION	SIZE	LIQUID	mm	6.35 / 1/4			9.52 / 3/8						
		GAS	mm	12.7 / 1/2			15.88 / 5/8						19.05 / 3/4
MAX. PIPING LENGTH			m	20	30		45		50			35	
MAX. HEIGHT DIFFERENCE				10	15		25		30			15	
HEAT INSULATION				Both Liquid and Gas Piping									

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