DAIKIN

Neoverter III

Single-Split Inverter Series

EcoKing

R410A

RR-1014-B

What is Inverter Technology?

With the advancement of Inverter Technology, Daikin Inverter Series provides a higher energy saving compared with other conventional air conditioners.

The fixed speed compressors will run at 100% of its capacity and will stop and start automatically to maintain the desired temperature. An inverter unit will adjust its capacity to maintain a consistent temperature, therefore:

- You save a lot of energy and also money due to lower power consumption
- Longer compressor lifespan due to less start and stop cycles
- Comfortable environment without temperature fluctuations
- Reach the desired temperature quickly after start up

Greater Energy Saving

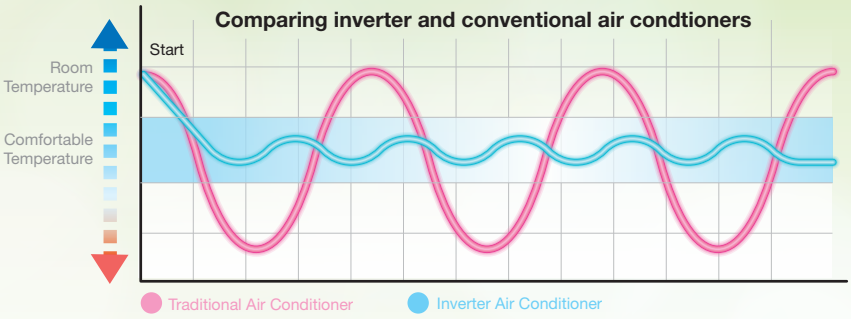
Provide a significant savings in energy consumption due to the great efficiency of Inverter DC compressor with the combination of Daikin Inverter intelligent technologies.

Wide Capacity Range

Daikin Inverter is equipped with Fuzzy Logic Control to vary the input frequency to control the compressor speed according to the room load requirements. It provides a wide range of capacity to suit your extra cooling needs even in a very hot day.

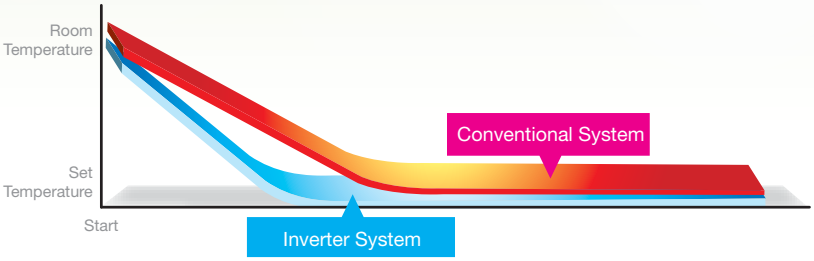
Intelligent Fuzzy Logic Control

Daikin Inverter is equipped with Fuzzy Logic Control that will calculate the temperature difference between the return air temperature and the setting temperature. Then, it will feedback to the microprocessor to maintain your desired room temperature by varying the compressor speed, thus providing a very comfortable environment.



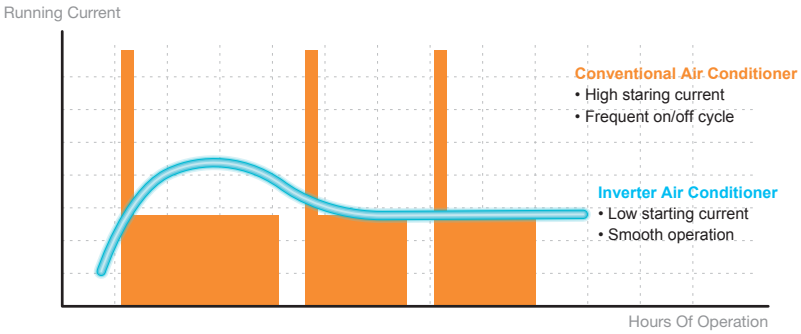
Fast Cooling

Ability to provide large capacity after the start up will allow Daikin Inverter to quickly cool down the room. Thus, providing a comfortable environment.



Low Starting Current

Our Inverters are designed to operate with a "soft-start" feature. The compressor motor does not require to draw high current during start up as it rams up the speed step by step. This reduces the surge in drawing the electricity in a sudden.



Inverter Product Line Up

TYPE OF REFRIGERANT: R410A

Indoor Model	Outdoor Model	Capacity Range
 FTK10/15/20/25PV1L FTK10/15/20/25PV1M  FTK10/15/20/25MV1I FTK10/15/20/25MV1J	• RK10/15FV1 • RK20/25CV1	1.0 - 2.5hp
 FFR10/15CV1  FCR20/25A2V1	• RR10/15DV1 • RK20/25CV1	1.0 - 2.5hp
 FDMR10/15/20/25CV1M	• RR10/15DV1 • RK20/25CV1	1.0 - 2.5hp
 FLR15/20/25EV1L FLR15/20/25EV1M	• RR15DV1 • RK20/25CV1	1.5 - 2.5hp

FTK-P Series

FTK-M Series

Up To 50% Energy Saving

By using intelligent controls, compressor running speed is matched with air-conditioning load. This achieves significant savings in energy consumption.

* Comparison between 1.5HP inverter and non-inverter when operating 8 hours per day.
* Subject to individual operating condition.
* Tested on 16.5m² room size, 25 degC set temperature, and high fan speed at outdoor temperature 33 degC DB.

Cummulative Money Saving In Days

* Comparison between 1.5hp Inverter and Non-Inverter when operating 8 hours a day.
* Subject to individual operating conditions.

Yearly Saving On Bill

Daily air conditioner usage	Hours	8 Hours	
Cummulative Power Consumption (Daily)	**kWh**	**9.51kWh**	**4.83kWh**
Total Power Consumption (Yearly)		9.51kWh x 365 days = 3471.15kWh	4.83kWh x 365 days = 1762.95kWh
Electricity Bill Rate	**RM per kWh**	RM0.334	
Yearly Bill	**RM**	3471.15kWh x RM0.334 = RM1159.36	1762.95kWh x RM0.334 = RM588.83
Yearly Savings On Bill	**RM %**	**RM1159.36 - RM588.83 = RM570.53**	

Ion-Plasma * Only for FTK-M Series

Purify The Air

> i-Plasma effectively deactivated the bacteria by damaging microbial DNA and surface structures without being harmful to human tissues.

Cleanse The Air

> Extra negative ions produced by i-Plasma can remove airborne contaminates from the air we breathe and bring the air fabulously fresh and clean.

Outstanding Ranking in The World

Daikin Inverter scores the highest ranking among these countries. Making Daikin inverter the best in its class.

Country	Rating Range		Daikin Inverter Series Rating Score
	Low	High	
Malaysia	1 STAR	5 STAR	**5 STAR**
Europe	Class G	Class A	**Class A**
Singapore	0 Tick	4 Tick	**4 Tick**
Thailand	Level 1	Level 5	**Level 5**
Hong Kong	Grade 5	Grade 1	**Grade 1**

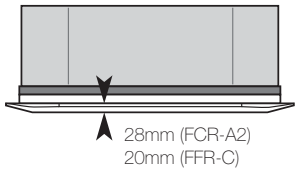
Source from Europe, Singapore, Thailand, Hong Kong energy label.

Exclusive 4-Way Air Flow And Auto Air Swing

This feature is complemented by the powerful Turbo Mixed Flow Fan, cools remarkably fast and evenly to deliver extraordinary cooling efficiency.

Elegantly Designed Panel

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



Auto Random Restart

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

Forced On/Off Operation

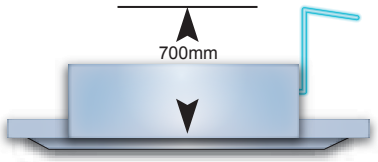
This feature enables you to operate the unit even if the remote controller is misplaced or the remote's battery is weak. Preset at 24ºC cool mode, just press the forced on button for instant cooling comfort.

Dry Mode Operation (Dehumidifying Operation)

Start with cooling to dehumidify and keeps the room dry without much change in temperature.

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.



Compact and Easy-To Use Handset

- Prominent temparature display.
- Real-time clock display.
- Easily accessible buttons for On/Off, Temperature Setting, Fan Speed and Mode control.

* Applicable for Inverter Wall Mounted, Ceiling Cassette and Ceiling Exposed Convertible Series only

Hidden Comfort

The application of the FDMR series are installed conveniently above the ceiling, making it an ideal cooling choice for both commercial and residential segments. Highly recommended for restaurants, offices and houses with enough ceiling height.

Evergreen Prestige

Unlike other indoor units split air-conditioning, FDMR series won't tarnish along with time. With its unique concealed application, FDMR series stays evergreen forever.

Even Air Distribution

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

Electronic Controller

DSLM 8 Wired Controller

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

* Applicable for Inverter Ceiling Concealed Series as standard controller.
As optional controller for Inverter Wall Mounted, Ceiling Cassette, and Ceiling Exposed Convertible Series.

Automatic Up and Down Air Swing

The motorized louver enables the air flow to be evenly distributed.

Quiet Operation

Indoor noise level is kept at minimal by high efficient indoor fan.

Last Memory

The unit restarts with the last restored setting when power resumes.

Ceiling and Wall Installation Option

The Prestige III is uniquely designed with the option to install either below the ceiling or mounted at low wall position to suit any interior design requirement.

* Wall bracket supplied as optional item

Excellent Air Distribution

The front vanes can be adjusted in four different directions giving you the control over the unit's air to suit your preferences.

Auto Random Restart

It enables the units to restart automatically at different intervals when power resumes after a blackout.

Strong and Robust

The unit is built of rust resistant materials and robust parts to ensure a long-lasting reliable service.

Specifications

Inverter Wall Mounted Series

FTK-P Series

FTK-M Series

Model	Indoor	Wireless	FTK10PV1L	FTK15PV1L	FTK20PV1L	FTK25PV1L
			FTK10MV1I	FTK15MV1I	FTK20MV1I	FTK25MV1I
		Wired	FTK10PV1M	FTK15PV1M	FTK20PV1M	FTK25PV1M
			FTK10MV1J	FTK15MV1J	FTK20MV1J	FTK25MV1J
	Outdoor		RK10FV1	RK15FV1	RK20CV1	RK25CV1
Rated Cooling Capacity (Min-Max)		Btu/hr	9,100(4,100-10,500)	12,100(4,600-13,700)	18,500(6,100-21,000)	21,500(6,600-23,000)
		W	2,670(1,200-3,080)	3,550(1,350-4,020)	5,400(1,800-6,200)	6,300(1,900-6,700)
Total Power (Min-Max)		W	780(280-920)	1,060(300-1,260)	1,470(402-1,959)	1,870(408-2,000)
Total Current (Min-Max)		A	4.36(1.63-5.05)	5.73(1.72-5.93)	6.63(2.14-8.79)	8.36(2.20-8.95)
EER		Btu/hr/W	11.67	11.42	12.59	11.50
Refrigerant		Type	R410A			
Power Source		V/Ph/Hz	220-240/1/50			
Air Flow Rate		CFM	345	358	529	654
Sound Pressure Level	Indoor (Hi/Lo)	dBA	40/29	41/30	40/35	43/37
	Outdoor	dBA	46	47	51	
Dimension (H X W X D)	Indoor P-Series	mm	288x800x212		310x1,065x228	
	Indoor M-Series	mm	288x800x216		310x1,065x233	
	Outdoor	mm	550x658x273		756x855x328	
Unit Weight	Indoor	kg	9		14	
	Outdoor	kg	29	31	51	
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4			
	Gas	mm/in	9.52 / 3/8	12.7 / 1/2		15.88 / 5/8

Inverter Ceiling Cassette Series

Model	Indoor		FFR10CV1	FFR15CV1	FCR20A2V1	FCR25A2V1
	Outdoor		RR10DV1	RR15DV1	RK20CV1	RK25CV1
Rated Cooling Capacity (Min-Max)		Btu/hr	9,500(3,650-12,000)	12,500(4,800-14,000)	19,400(5,200-21,000)	22,000(5,200-23,000)
		W	2,780(1,070-3,520)	3,660(1,410-4,100)	5,690(1,520-6,150)	6,450(1,520-6,740)
Total Power (Min-Max)		W	770(300-1,202)	940(343-1,230)	1,590(384-2,045)	1,910(396-2,062)
Total Current (Min-Max)		A	4.08(1.66-5.53)	4.45(2.01-5.63)	7.16(2.05-9.20)	8.48(2.09-9.21)
EER		Btu/hr/W	12.34	13.30	12.20	11.52
Refrigerant		Type	R410A			
Power Source		V/Ph/Hz	220-240/1/50			
Air Flow Rate		CFM	400	410	600	680
Sound Pressure Level	Indoor (Hi/Lo)	dBA	44/38	45/38	34/28	37/31
	Outdoor	dBA	48		51	
Dimension (With Panel) (H X W X D)	Indoor	mm	250x570x570(295x640x640)		265x820x820(345x930x930)	
	Outdoor	mm	550x765x285		756x855x328	
Unit Weight	Indoor	kg	16+2		26+4	28+4
	Outdoor	kg	31	33	51	
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4			
	Gas	mm/in	9.52 / 3/8	12.7 / 1/2		15.88 / 5/8

1) DUE TO OUR POLICY OF INNOVATION, ALL PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
2) ALL UNITS ARE BEING TESTED AND COMPLY TO INTERNATIONAL STANDARDS SUCH AS ISO 5151(NON DUCTED UNIT) OR ISO13253 (DUCTED UNIT).
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 OYLM R&D SOUND ROOM.

Inverter Ceiling Concealed Series

Model	Indoor		FDMR10CV1M	FDMR15CV1M	FDMR20CV1M	FDMR25CV1M
	Outdoor		RR10DV1	RR15DV1	RK20CV1	RK25CV1
Rated Cooling Capacity (Min-Max)		Btu/hr	9,200(4,100-10,500)	12,500(4,600-14,000)	18,500(5,800-21,000)	21,500(5,800-22,500)
		W	2,700(1,200-3,080)	3,660(1,350-4,100)	5,420(1,700-6,150)	6,300(1,700-6,590)
Total Power (Min-Max)		W	794(338-1,230)	1,109(432-1,270)	1,590(496-2,025)	1,910(503-2,075)
Total Current (Min-Max)		A	4.22(1.86-5.74)	4.69(2.27-5.84)	7.04(2.48-9.15)	8.51(2.52-9.25)
EER		Btu/hr/W	11.59	11.27	11.64	11.26
Refrigerant		Type	R410A			
Power Source		V/Ph/Hz	220-240/1/50			
External Static Pressure		in.wg	0.12			
Air Flow Rate		CFM	327	410	570	690
Sound Pressure Level	Indoor (Hi/Lo)	dBA	35/26	37/29	38/34	40/36
	Outdoor	dBA	48		51	
Dimension (H X W X D)	Indoor	mm	261x905x411		261x1,065x411	261x1,200x411
	Outdoor	mm	550x765x285		756x855x328	
Unit Weight	Indoor	kg	21		24	29
	Outdoor	kg	31	33	51	
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4			
	Gas	mm/in	9.52 / 3/8	12.7 / 1/2		15.88 / 5/8

Inverter Ceiling Exposed Convertible Series

Model	Indoor	Wireless	FLR15EV1L	FLR20EV1L	FLR25EV1L
		Wired	FLR15EV1M	FLR20EV1M	FLR25EV1M
	Outdoor		RR15DV1	RK20CV1	RK25CV1
Rated Cooling Capacity (Min-Max)		Btu/hr	12,500(5,400-14,000)	18,500(5,500-21,000)	21,500(5,500-23,000)
		W	3,660(1,580-4,100)	5,420(1,610-6,150)	6,300(1,610-6,740)
Total Power (Min-Max)		W	910(374-1,252)	1,660(443-2,160)	1,990(435-2,174)
Total Current (Min-Max)		A	4.32(2.03-5.72)	7.41(2.25-9.76)	8.86(2.32-9.78)
EER		Btu/hr/W	13.74	11.14	10.80
Refrigerant		Type	R410A		
Power Source		V/Ph/Hz	220-240/1/50		
Air Flow Rate		CFM	508	520	580
Sound Pressure Level	Indoor (Hi/Lo)	dBA	46/35	50/41	53/49
	Outdoor	dBA	48	51	
Dimension (H X W X D)	Indoor	mm	218x1,080x630		
	Outdoor	mm	550x765x285	756x855x328	
Unit Weight	Indoor	kg	24		
	Outdoor	kg	33	51	
Copper Pipe Size	Liquid	mm/in	6.35 / 1/4		
	Gas	mm/in	12.7 / 1/2		15.88 / 5/8

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