



FTKF-A Series

R32 INVERTER

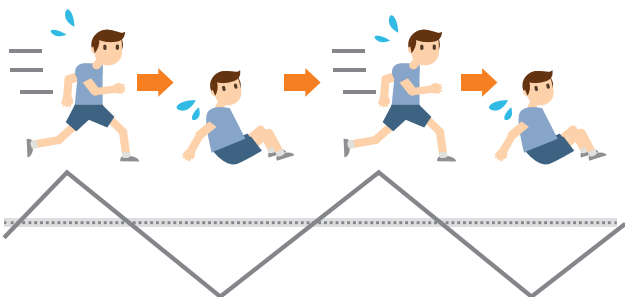
What is Inverter Technology?

An inverter is a device for converting frequency. The technology is used in many home appliances and controls the electric voltage and frequency. Inverter air conditioner can vary cooling capacity by adjusting the power supply frequency of compressor. In contrast, non-inverter air conditioner have a fixed cooling capacity and can only control the indoor temperature by starting or stopping the compressor. As a result, inverter air conditioner is more energy-saving and comfortable to use compared to non-inverter air conditioner.

Energy Saving

In non inverter model, compressor will rotate at a fixed speed while constantly switching between on and off. However, the Inverter compressor's rotating speed will accelerate and decelerate, instead of turning on and off excessively, for fast cooling and energy conservation, respectively.

Non Inverter



Non Inverter can be represented by a person who is constantly switching between fast running and stopping which wastes a lot of energy.

Inverter



Inverter can be represented by a person who is jogging lightly but in a steady pace which allows the person to save energy for the long run.

Fast Cooling

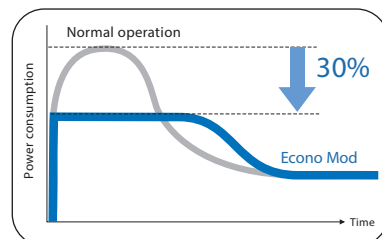
Daikin's fast cooling technology allows you to jumpstart your cooling experience, by reducing the time needed to pull down air leaving temperature. During start-up, this feature reduce approximately **40%** timing to provide fast cooling effect. Compressor frequency will be maintained at maximum as long as set temperature is not achieved.



* Comparison of FTKF25 with conventional 1.0hp Inverter model
 * Condition:
 1) Outdoor temperature 35° C Dry Bulb.
 2) Indoor air leaving temperature from 35° C to 26° C Dry Bulb.

Econo Mode

The "ECONO" mode is an intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. It reduces the maximum power consumption by approximately 30% during activation and helps to reduce power consumption if the cooling load is high, for example, during large gatherings of people and periods of direct sunshine.



Maximum capacity decreases during Econo Mode, requiring more time to reach the set temperature.

Gin-ION Filter

The Gin-ION Filter is designed to effectively decompose the virus on the air filter surface. It is to provide better quality of IEQ for healthier life.



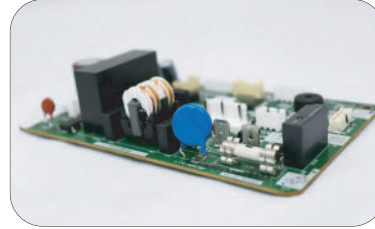
Removable Drain Pan

The drain pan collects condensation from the indoor heat exchanger fins. Removable drain pan helps to reduce the cleaning time and ensure better serviceability.



Durable PCB

Printed circuit board (PCB) is known as the "brain" of our Inverter system and consist the critical electronic components. In the FTKF Series, the newly designed PCB is tested and verified with higher voltage surge tolerance, thus ensuring a longer life span of PCB with reliability improvement.



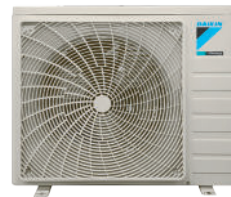
FTKF25/35/50/60AV14



ARC486A1



RKF25AV14



RKF35AV14



RKF50/60AV14

Model	Indoor unit		FTKF25AV14	FTKF35AV14	FTKF50AV14	FTKF60AV14	
	Outdoor unit		RKF25AV14	RKF35AV14	RKF50AV14	RKF60AV14	
Cooling capacity	Rated (Min-Max)	Btu/hr	9000 (3400 - 9200)	12300 (4100 - 13000)	18000 (5200 - 18500)	24000 (6600 - 24500)	
		kW	2.64 (1.00 - 2.70)	3.60 (1.20 - 3.81)	5.28 (1.52 - 5.42)	7.03 (1.93 - 7.18)	
Power supply		V/Ph/Hz	220/1/50 (Power from Indoor)				
Running current	Rated	A	3.93	5.37	8.24	8.61	
Power consumption	Rated	W	860 (200 - 1050)	1200 (200 - 1250)	1880 (380 - 1950)	1965 (380 - 2300)	
Refrigerant	R32						
Rated EER			Btu/hr/W	10.47	10.25	9.57	12.21
			W/W	3.07	3.00	2.81	3.58
Indoor	Airflow	T/H/M/L/Q	CFM	350/340/260/205/150	420/400/330/250/200	450/430/380/290/260	720/640/560/480/360
	Sound pressure level	H/M/L/Q	dB(A)	39/33/26/21	39/34/26/21	42/39/32/29	43/41/36/30
	Dimensions	H x W x D	mm	280 x 730 x 213	288 x 770 x 234	288 x 770 x 234	297 x 990 x 273
	Machine weight		kg	8.5	9.0	9.5	13.0
Outdoor	Sound pressure level	H	dB(A)	48	49	52	52
	Dimensions	H x W x D	mm	418 x 695 x 244	550 x 658 x 273	615 x 845 x 300	615 x 845 x 300
	Machine weight		kg	19.0	21.0	33.0	37.0
Piping connections	Liquid	mm	6.4				
	Gas	mm	9.5		12.7		
Maximum piping length			m	20		30	
Maximum piping elevation			m	15		20	

Dealer

PT. DAIKIN AIRCONDITIONING INDONESIA

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365
hari/tahun

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