



Innovative and Efficient Solutions for You

Expect More...
It is in the details



Preliminary

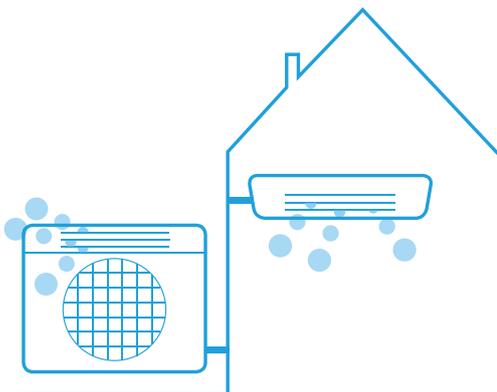
High Ambient - FTN Series

R-410A

The ultimate in comfort. Designed with the highest quality in mind.

DAIKIN. Everything you ever
wanted in air conditioning

Daikin operates under the belief that customers are buying quality. With this in mind, Daikin strives to stay ahead of consumer needs by providing high-quality products with superior performances, energy efficiency, and comfort in stylish solutions conforming to all interior spaces and lifestyles



Main Features

R-410A Refrigerant

Unlike R-22, R-410 has no ozone depletion potential.

Powerful and Efficient Cooling

Daikin units are conceived to offer a powerful cooling to quickly cool down the room, even if the outside temperature is very high. The system is designed to be extremely efficient, with EER reaching up to 11,21 Btu/hr/W, for a lower electricity consumption.

The excellent cooling performances are the results of the combination of the high efficiency tropical compressor combined with the optimal heat transfer from the heat exchanger.

Optimal Cooling Comfort

The cooling comfort experience can be maximized by using one of the functionalities like

- > Turbo Mode that will cool down the space even quicker
- > Sleep Mode, that will ensure a comfortable environment for restful sleep, by avoiding overcooling at night
- > Dry Mode that will reduce the humidity level of the room to guarantee an optimal comfort.

Standard Anti-corrosion protection

The condenser coil is protected against corrosion thanks to the hydrophilic gold fin coating. This will ensure a longer life span, even under corrosive environment, with cooling performance maintained optimal.

Easy Installation

Daikin outdoor units allows flexible installation. They can easily be mounted on a roof, thanks to the long piping runs, or simply placed against an outside wall.



FTN-AV1 20/25

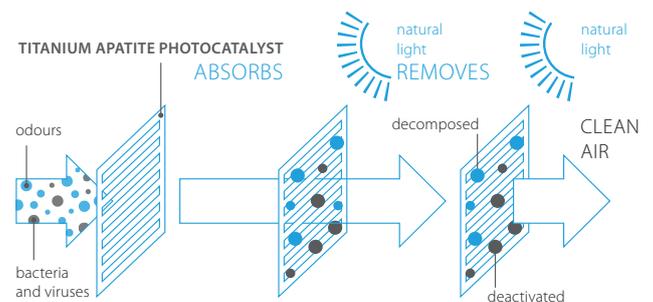


FTN-AV1 30



Pure Air

Daikin's titanium apatite photocatalytic filter removes airborne dust and decomposes mold and odours. It also traps and deactivates harmful organic chemical substances like bacteria, viruses and allergens to ensure a healthier environment.



Whisper Quiet Operation

The Daikin indoor units are whisper quiet. The sound level can further be reduced, down to 34 dB(A), by activating the Quiet Mode.

Auto Random Restart

In case of sudden power failure during operation, this feature ensures that air conditioners installed in the same building will resume operation automatically but randomly instead of turning on at the same time. This will prevent power surge after blackout. The operation will be based on the previous setting.

Preliminary Specifications

Indoor Model			FTN20AV1K	FTN25AV1K	FTN30AV1K	
Outdoor Model			RN20AV1K	RN25AV1K	RN30AV1K	
Indoor Unit	Nominal Cooling Capacity	Btu/h	18,000	24,000	27,500	
	Total Input Power	W	1,630	2,140	2,300	
	EER	W/W	3.24	3.29	3.40	
		Btu/h/W	11.04	11.21	11.6	
	Air Flow	High/Low	l/s	250/199	305/236	467/269
		High/Low	CFM	531/422	646/500	990/570
	Sound Pressure level	High/Low	dB(A)	42/36	46/40	52/38
	Dimensions	Height x Width x Depth	mm	310 X 1065 X 237		310 X 1289 X 240
	Weight		kg	14		16
	Casing		colour	White		
Power Supply	Phase / Frequency/ Voltage	V/Ph/Hz	220-240/1/50			
Outdoor Unit	Air Flow	l/s	745	829	878	
		CFM	1579	1756	1860	
	Sound Pressure level		dB(A)	54		
	Dimensions	Height x Width x Depth	mm	651 X 855 X 328	753 X 855 X 328	852 X 1030 X 400
	Weight		kg	47	56	77
	Pipe Connection	Liquid	mm	6.35		
			in	1/4		
		Gas	mm	12.7	15.88	
			in	1/2	5/8	
	Compressor	Type		Rotary		
Operating Temperature Range	Min. - Max	°C	19-54			
Power Supply	Phase / Frequency/ Voltage	V/Ph/Hz	220-240/1/50			



R-410A

Zero ozone depletion potential for a reduced impact on the environment.



Tropical Compressor

The tropical compressor is able to handle and operate fully under extreme weather conditions.



Powerful Cooling

Rapid cooling and powerful, even if outside temperature is very high.



Silence

Daikin indoor units are whisper quiet. Outdoor units are also guaranteed not to disturb the quietness of the neighbourhood.



Long Air Flow

The airflow can reach long distances, for optimal cooling comfort even for large spaces.



Sleep Mode

Setting sleep mode will gradually adjust the set temperature to provide a comfortable environment for sleeping.



Energy Saving

Daikin offers efficient operation on its equipment for lower electricity consumption. This also contributes to reduce CO₂ emissions.



Air Purifier

Superior indoor air quality is guaranteed thanks to the bio-engineering filter, removing airborne dust and eliminating organic contaminants, such as bacteria, viruses and odours.

DAIKIN MIDDLE EAST & AFRICA

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