



Innovative and Efficient Solutions for You

Powerful Cooling FTN Series



EWA
هيئة الكهرباء والمياه
Electricity & Water Authority
Kingdom of Bahrain

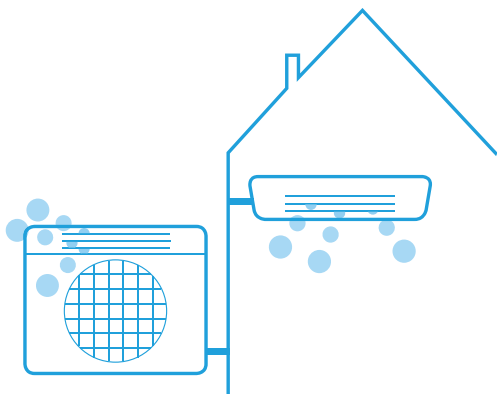
High Ambient

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



FTN-AV1K 20/25

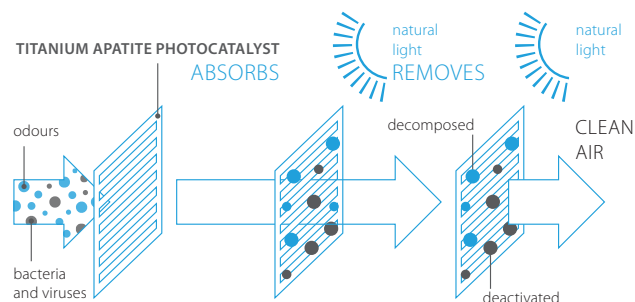


FTN-AV1K 30



Pure Air

Daikin's titanium apatite photocatalytic filter removes airborne dust and decomposes mould 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.

Technical Specifications

Indoor Model Name			FTN20AV1K9	FTN25AV1K9	FTN30AV1KR
Outdoor Model Name			RN20AV1K9	RN25AV1K9	RN30AV1KR
Nominal Cooling Capacity (T1)*	Btu/hr		17,000	23,000	28,000
	W		5,280	7,030	8,210
Nominal Cooling Capacity (T3)**	Btu/hr		14,200	18,300	24,000
	W		4,180	5,380	7,030
Rated EER (T1)*	(Btu/h)/W		11.04	11.21	10.0
Rated EER (T3)**	(Btu/h)/W		7.36	7.04	7.05
Indoor	Power Supply	V/ Ph / Hz	220-240/1/50		
	Air Flow	CFM	594/531/474/422/381	641/614/537/474/418	950/931/760/661/569
	Sound Pressure Level	dBA	44/42/39/36/35	48/46/43/39/37	52/51/46/42/39
	Height	mm	310		
	Width	mm	1,124		1,289
	Depth	mm	237		240
	Net Weight	kg	14		16
	Casing	Colour	White		
Outdoor	Power Supply	V/ Ph / Hz	220-240/1/50		
	Sound Pressure Level	dBA	54		58
	Height	mm	651	753	852
	Width	mm	855		1,030
	Depth	mm	328		400
	Net Weight	kg	49	57	77
	Pipe Connection - Liquid	mm	6.35		9.53
	Pipe Connectionn - Gas	mm	12.7	15.88	15.88
	Maximum Piping Length	m	35		45
	Maximum Piping Elevation	m	15		25
	Compressor	Type	Rotary		
	Operating Temperature Range (Min-Max)	°C	19-54		

* T1: Indoor 27°C DB / 19°C WB, Outdoor 35°C DB / 24°C WB

** T3: Indoor 29°C DB / 19°C WB, Outdoor 46°C DB / 24°C WB



R-410A

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



Powerful Cooling

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



Long Air Flow

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



Energy Saving

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



Tropical Compressor

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



Silence

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



Sleep Mode

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



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 AND AFRICA FZE

P.O. Box 18674, Jebel Ali Free Zone, Dubai, UAE, Tel: +971 (0) 4 815 9300, Fax: +971 (0) 4 815 9311

Email: info@daikinmea.com Web: www.daikinmea.com



Daikin Middle East and Africa



DMEA 17-105 QAR-BAH