



Innovative and Efficient Solutions for You

Beautifully Intelligent FTNK Series



مصلحة الإمارات للمواصفات والمقاييس
Emirates Authority For Standardization & Metrology



GOOD DESIGN
AWARD

High Ambient

R-410A

“When design excellence meets cutting-edge technology”

Oriental inspired design unit...

Stylish and elegant curved silhouette, with highly defined detailed finish for a beautiful and powerful outcome.

... Best of Japanese technology and know-how

Superior values of efficiency, comfort and quality.



**GOOD DESIGN
AWARD**



Daikin

Sense of Beauty, Comfort & Intelligence



Daikin proves that intelligent design can look great and deliver superior energy efficiency in climate control. So the indoor environment is optimized for architects, engineers and home owners to get the ideal solution.

High energy efficiency under standard and high ambient conditions is obtained by using highly efficient rotary compressor and heat exchanger. This high energy efficiency can be enhanced, without any compromise on the cooling comfort, by using smart features like the intelligent eye.

Beauty & Intelligence Without any compromise

- > Design at its best
- > Cutting - edge technology
- > Superior comfort



> Design at its best

The newly developed Daikin air conditioner with an Oriental inspired design, will redefine the notion of climate control in interior design.



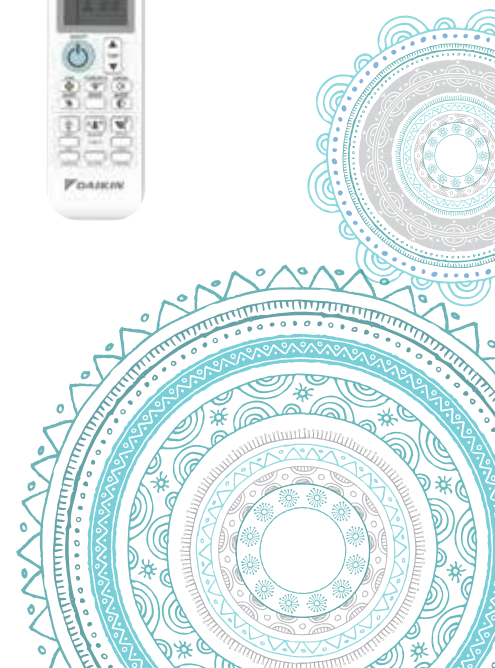
> Intelligent Eye

The newly developed intelligent eye smartly enhances the already high energy efficiency while keeping the comfort optimal, based on the activity level of the room.



> Stylish Control

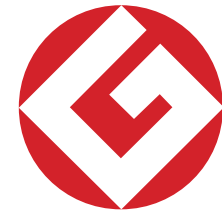
The remote controller has user friendly interface and offers many convenient features like the timer function which allows you to program the unit to start or stop when you want it to. Backlight can be set when the "LED" button is pressed. And all of this with an elegant and ergonomic design to maximise your Daikin experience!



Daikin

Oriental Inspired Design

Blending elegant design , with stylish curved silhouette and the exceptional finishing complements the entire beauty of the air conditioner



Daikin Intelligent Eye

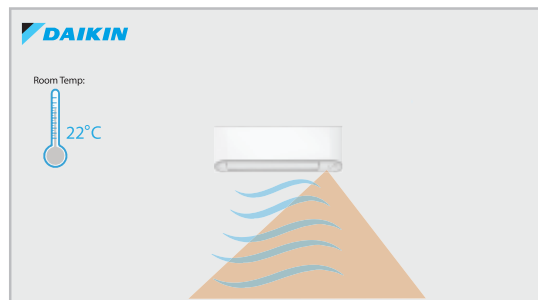
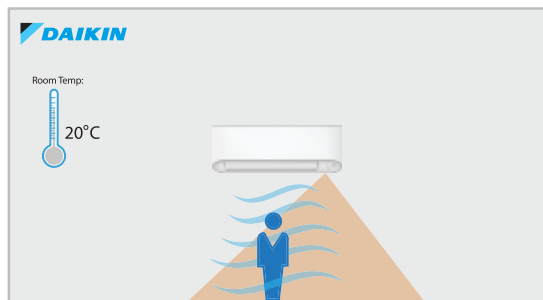


Built-in intelligence: Perfect balance between energy efficiency and comfort

Based on the activity level of the room, the unit will decide if the operation needs to change to Energy Saving Mode or Comfort Mode.

Energy Saving Mode

If the room is empty for a certain time, the set point will be automatically adjusted to achieve energy saving. As soon as someone enters the room, the temperature returns to the original set point.

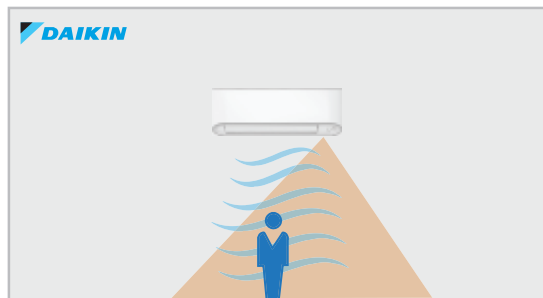


Did you know?

Adjusting temperature with only one degree can save up to 27% energy.

Comfort Mode:

- › If higher activity level is detected, the cooling power and airflow level are automatically adjusted to ensure excellent cooling comfort.
- › The intelligent eye adjusts the vertical airflow direction based on auto-heat detection.



Daikin Superior Comfort

Powerful and Efficient Cooling

Daikin air conditioners are designed to provide superior cooling performance in terms of capacity and efficiency, even under high ambient temperatures:

- EER up to 11.21 Btu/hr/W
- high cooling capacity guaranteed at 46°C
- strong and long airflow to cool down quickly, even for large spaces

Sleep Mode

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



Daikin's highly intelligent system and innovative features

Intelligent Eye

The Daikin unit has a built-in intelligence that will decide if the operation needs to change to energy saving mode or comfort mode. Cooling power, airflow level and direction will be adjusted based on autoheat detection, for a superior and efficient comfort without any compromise.

Intense Cooling Mode

Fast smart cooling can be achieved in the room, within shortest period of time, by combining Turbo Plus function with the intelligent eye.

Eco+ Mode

When activated, this function reduces the energy consumption of the air conditioner.

High Indoor Air Quality

A sophisticated titanium apatite photocatalytic air purification filter traps even microscopic airborne dust particles, absorbs organic contaminants such as bacteria and viruses and even breaks down odours.

Auto Random Restart

The unit restarts automatically at the original settings after power failure.



Specifications

Indoor Model Name		FTNK20AV1K	FTNK25AV1K
Outdoor Model Name		RNK20AV1K	RNK25AV1K
Nominal Cooling Capacity (T1)*	Btu/hr	18,000	24,000
	W	5,280	7,030
Nominal Cooling Capacity (T3)**	Btu/hr	14,200	18,300
	W	4,180	5,380
Rated EER (T1)*	(Btu/h)/W	11.04	11.21
Rated EER (T3)**	(Btu/h)/W	7.36	7.04
Indoor	Power Supply	V/Ph/Hz	220-240/1/50
	Air Flow	CFM	594/531/474/422/381
	Sound Pressure Level	dB(A)	44/42/39/36/35
	Height	mm	320
	Width	mm	1,172
	Depth	mm	242
	Net Weight	kg	14
	Casing	Colour	White
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50
	Sound Pressure Level	dB(A)	54
	Height	mm	651
	Width	mm	855
	Depth	mm	328
	Net Weight	kg	49
	Pipe Connection - Liquid	mm	6.35
	Pipe Connection - Gas	mm	12.7
	Maximum Piping Length	m	35
	Maximum Piping Elevation	m	15
	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.



Energy Saving

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



Intelligent Eye

The intelligent eye will select between energy saving mode and comfort mode based on activity level of the room. Cooling power, air flow level and direction will be adjusted based on auto-heat detection, for a superior smart comfort.



Tropical Compressor

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



Long Air Flow

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



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.



User Friendly

Fast installation, easy operating procedures and friendly shape buttons.





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