DAIKIN

Innovative and Efficient Solutions for You

INVERTER

Combining highest efficiency and year-round comfort

FTXN Series

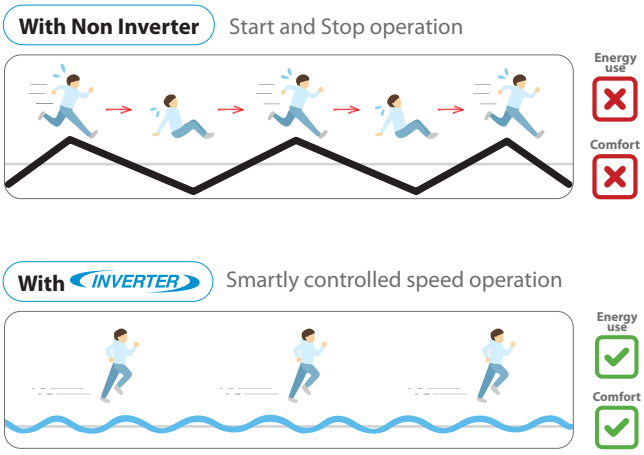
R-410A

Experience INVERTER innovation at its best

Up to 50% energy saving

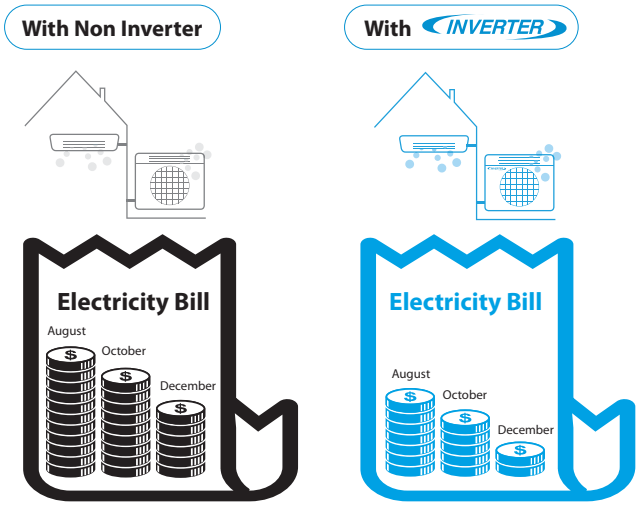
What is an INVERTER air conditioner? How does it work?

A conventional air conditioner operates at fixed speed: it delivers a fixed amount of cooling capacity via fixed compressor speed. An **INVERTER** air conditioner utilises an intelligent advanced control that regulates precisely the compressor speed to constantly adjust delivered capacity to meet the desired room temperature. This smart technology guarantees a comfortable and stable temperature, with less energy consumption compared to a Non Inverter system.



Why do you need INVERTER in Middle East?

The amount of cooling (heating) capacity required depends on the outside temperature and the heat inside the room to be treated. Since the outside temperature varies all year long, but also during the course of the day, the cooling requirements will also vary all year round. Only a smart system – Inverter – can constantly adjust the delivered capacity to meet the specific requirements.



Benefits of INVERTER at a glance

- Energy saving all the year round, for a lower electricty bill and lower carbon footprint
- Powerful cooling
- Quieter operation
- Longer lifetime

Main Features

INVERTER R-410A

R-410A Refrigerant

Unlike R-22, R-410 has no ozone depletion potential for a reduced impact on the environment.

Rapid response time

After quickly reaching Set Temperature, the inverter system constantly adjusts and fine-tunes the cooling capacity to prevent undesired temperature swings. Room comfort level is constantly maintained even when the number of people in the room increases or decreases.

Easy Installation

Daikin outdoor unit allows flexible installation, thanks to their long piping lengths. It can easily be mounted on a roof or simply placed against an outside wall.

FTXN25/35/50/60

RXN25/35

RXN50/60

BRC 52A61

Low Starting Current

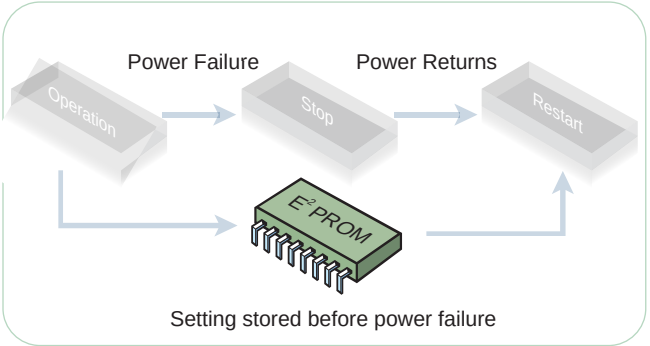
Taking advantage of the ability to modulate the compressor speed, inverters are designed to operate with "soft start" feature. The compressor motor does not require high current during start up.

Sleep Mode

Once activated, sleep mode ensures a comfortable environment for restful sleep. Depending on the mode, set temperature is increased/decreased gradually according to normal sleeping temperature patterns.

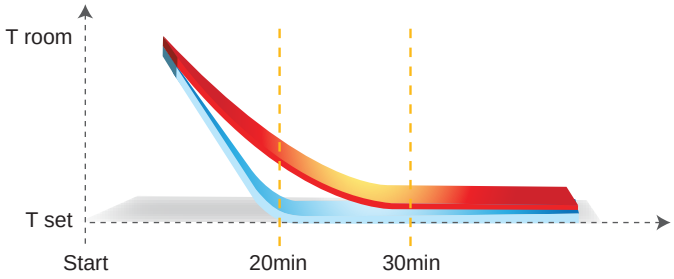
Auto Random Restart with Last-State Memory

In the event of a sudden power failure during operation, unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and the unit will operate based on the previous setting(operating mode, temperature setting and fan speed). This ensures that air conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



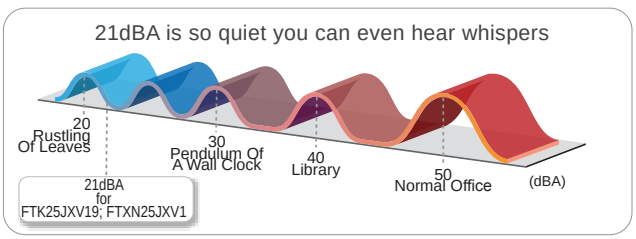
Turbo Mode

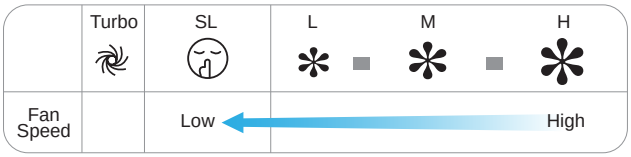
TURBO function is available in COOL and HEAT modes. Once it is activated, the air-conditioner will run on full power with indoor fan running at MAX speed for 20 minutes. This enables the set temperature to be achieved faster. If TURBO and SLEEP are activated at the same time, the SLEEP mode timer will be reset, it will resume after TURBO function is cleared.



Lower Sound Level

With up to five selectable fan speeds, users are given more choices. By selecting Quiet mode, the sound pressure level can be reduced down to an unobtrusive 21dBA.





Specification for Wall Mounted - Cooling and Heating

Indoor Model Name			FTXN25	FTXN35	FTXN50	FTXN60
Outdoor Model Name			RXN25	RXN35	RXN50	RXN60
Nominal Cooling Capacity (min-max)		Btu/hr	8,700 (4,400-10,200)	11,600 (4,400-13,000)	19,100 (5,560-21,150)	21,500 (5,970-22,180)
		W	2,560 (1,300-3,000)	3,410 (1,300-3,800)	5,600 (1,630-6,200)	6,300 (1,750-6,500)
Nominal Heating Capacity (min-max)		Btu/hr	9,700 (4,400-13,600)	12,200 (4,400-16,200)	19,200 (3,990-22,520)	21,800 (4,100-27,300)
		W	2,840 (1,300-4,000)	3,580 (1,300-4,750)	5,620 (1,170-6,600)	6,400 (1,200-8,000)
Nominal Running Current (Cooling)		A	3.82	5.73	7.28	8.29
Nominal Running Current (Heating)		A	3.83	5.19	6.86	7.46
Nominal EER		W/W	3.69	3.22	3.39	3.35
Nominal COP		W/W	4.06	3.77	3.63	3.81
Indoor	Power Supply	V/Ph/Hz		220-240/1/50		
	Air Flow	CFM	378/345/272/215/165	392/358/282/232/165	578/529/471/418/374	703/654/585/507/437
	Sound Pressure Level	dBA	41/40/34/29/21	42/41/34/30/22	44/40/38/35/32	46/43/41/37/33
	Dimension (HxWxD)	mm	288x800x212		310x1065x228	
	Net Weight	kg	9		14	
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50			
	Sound Pressure Level	dBA	45	46	51	
	Dimension (HxWxD)	mm	550x658x289		753 x 855 x 328	
	Net Weight	kg	24	26	37	44
	Pipe Connection - Liquid	in	1/4			
	Pipe Connection - Gas	in	3/8		1/2	5/8
	Max. Piping Length	m	20		30	
	Max. Elevation	m	10			
Compressor Type			Hermetic Swing			
Refrigerant			R-410A			

R-410A
Zero ozone depletion potential for a reduced impact on the environment.

Auto Random Restart
In case of sudden power failure, the unit will restart randomly, with previous settings. This will help preventing power surge after blackout

Energy Saving
Daikin offers efficient operation on its equipment for lower electricity consumption. This also contributes to reduce CO_2 emissions.

Anti-Corrosion Protection
The hydrophilic blue fin coating will protect the condenser coil against corrosion, for a longer life span, even under corrosive environment, with cooling performance maintained optimal.

Turbo Mode
Rapid cooling/heating with highest fan speed for immediate comfort

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

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

Air Purifier
The washable saranet filter, with Titanium Apatite Photocatalytic Air Purifying action, eliminates various airborne dust that ensures cleaner air supply.

PLXRMT1506
DMEA 16-125