



Innovative and Efficient Solutions for You

# Superior Comfort Stability, Beyond your Imagination

## FTNV-B Series



Built-in  
Protection



Auto Random  
Restart



Anti-Corrosion  
Protection

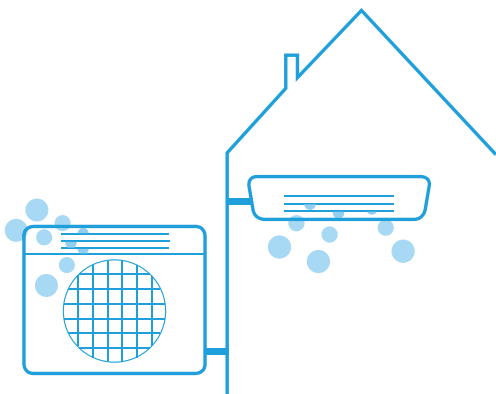
**R-410A**

Preliminary

# 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**

## R-410A Refrigerant

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

## 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.

## Whisper Quiet Operation

The Daikin indoor unit is whisper quiet. The sound level can be further reduced, down to 25 dB(A), by activating the Quiet Mode.

## Pure Air

The washable saranet filter eliminates various airborne dust, for a cleaner and purified living environment.

## 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.



FTNV-BV1



RNV-BV1



# Main Features

## Built-in Protection for a Powerful and Reliable Cooling

The new Daikin unit has been specially designed to withstand the harsh conditions of the African market, such as unstable power supply and corrosive environment.

The unit is equipped as standard with special protection against voltage fluctuation, overcurrent and power blackout. This will ensure a longer lifetime with optimal performance compared to other non-protected equipment.

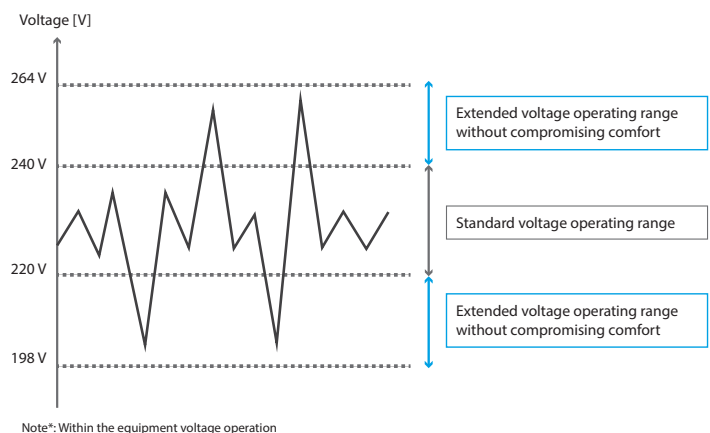


### Built-in Protection

It allows the unit to operate within an increased operating voltage range, 198 to 264V, without compromising the cooling operation. The compressor and PCB have been designed with components, all carefully selected for their voltage tolerance, to allow wider operation range during the unstable power supply.

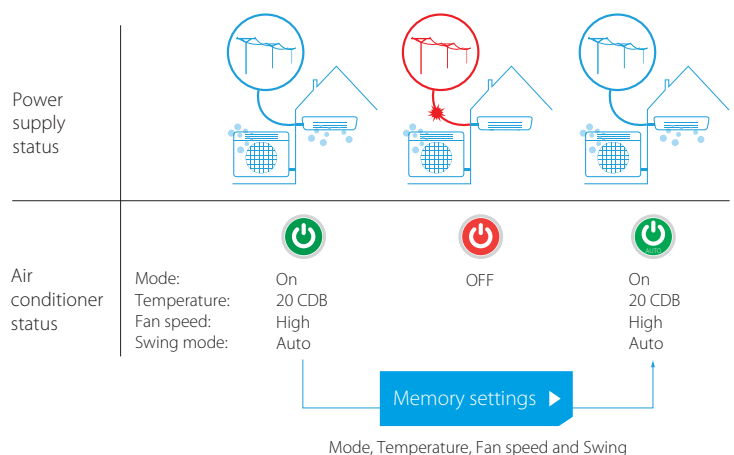
#### Daikin Splits are equipped with special protection against irregular power supply

If the power supply is irregular, it becomes crucial that your air conditioner is guarded against under and over voltage. FTNV-B series are designed with this protection, allowing you to operate your equipment without any additional stabilizer\* and maintain its lifetime optimal.



### 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 settings.





### 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.

## Powerful and Efficient Cooling



Daikin units are conceived to offer a powerful cooling to quickly cool down the room. The system is designed to be extremely efficient, with EER reaching up to 3.22 W/W, for a lower electricity consumption.

The excellent cooling performances are the outcome of the combination of the highly efficient rotary compressor combined with the optimal heat transfer from the heat exchanger.

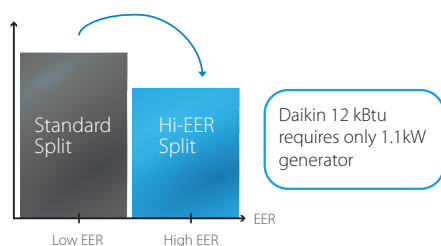
Using efficient systems will result in lower electricity bills and less load on generator as power input is minimized.

### Efficiency for lower energy use and cost

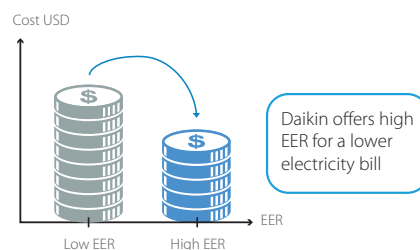
An efficient air conditioner will require less power input and will consume then less load on the generator. It will contribute to reduce the electricity cost.



Load on generator



Electricity bill



# Preliminary Specifications

Indoor Model Name			FTNV25BV1	FTNV35BV1	FTNV50BV1	FTNV60BV1	
Outdoor Model Name			RNV25BV1	RNV35BV1	RNV50BV1	RNV60BV1	
Nominal Cooling Capacity		Btu/h	9,000	12,000	18,000	22,000	
		kW	2.64	3.52	5.28	6.45	
Power Input		kW	0.87	1.11	1.75	2.00	
EER		W/W	3.03	3.18	3.02	3.22	
Indoor	Air Flow	SH/H/M/L/SL	CFM	358/342/282/225/209	372/355/298/242/225	594/531/474/422/381	641/614/537/474/418
	Sound Pressure Level	SH/H/M/L/SL	dB(A)	39/38/33/27/25	41/40/35/29/28	44/42/39/36/35	48/46/43/40/37
	Height		mm	288	288	310	310
	Width		mm	800	800	1,065	1,065
	Depth		mm	206	206	224	224
	Net Weight		kg	9	9	14	14
Outdoor	Sound Pressure Level	H	dB(A)	46	48	52	52
	Height		mm	485	550	651	651
	Width		mm	566	658	855	855
	Depth		mm	256	273	328	328
	Net Weight		kg	21	26	47	50
	Pipe Connection	Liquid	mm	6.35	6.35	6.35	6.35
		Gas	mm	9.52	12.70	12.70	15.88
	Compressor Type			Rotary			
Operating range			CDB 19 - 46				
Maximum Piping Length	Total	m	20	20	30	30	
	Elevation	m	12	15	15	15	
Standard Power Supply		V/Ph/Hz	220-240/1/50				
Extended Operating Voltage range		V	198-264				
Power Source			Indoor				
Refrigerant			R-410A				

Indoor: 27°C DB / 19°C WB  
Outdoor: 35°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 CO<sub>2</sub> emissions.



### Silence

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



### Built-in Protection

If the power supply is erratic, it becomes crucial that your air conditioner is guarded against under and over voltage. Daikin units offer protection against voltage fluctuation, thus enhancing the lifetime of the air conditioner.



### 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



### Anti-Corrosion Protection

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



### Sleep Mode

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



### Air Purifier

The washable saranet filter eliminates various airborne dust for a cleaner and purified living environment.





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