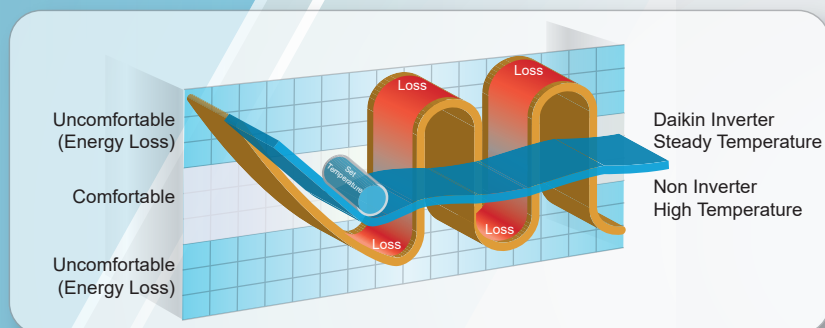


Advantages of Inverter technology

- Superior comfort
- Higher efficiency
- Powerful operation
- Better energy savings

Fixed speed (non-inverter) systems operate by compressor start-stop cycles which consumes more energy and have higher variance of the room temperature.



Low starting current

Taking the advantages 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.

Flexible installation

The extended piping length promotes flexible installation

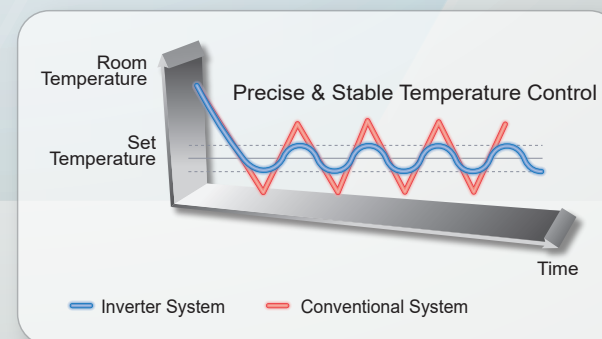
Model	Pre-charge length (m)	Max. length (m)	Max. elevation (m)
FTKA20/25BV1H RKA20/25BV1H	7.5	20.0	10.0
FTXA25BV1H RXA25AV1H	7.5	20.0	10.0
FTKA/FTXA35BV1H RKA/RXA35AV1H	7.5	20.0	10.0
FTXA50BV1H RXA50AV1H	7.5	25.0	10.0
FTKA50BV1H RKA50AV1H	7.5	25.0	15.0

Note:

Additional refrigerant is required if the piping is longer than the pre-charge length. For details, kindly refer to the installation manual.

Flexible performance, 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.



Titanium Apatite

Deodorizing Filter



Titanium apatite filter is a filter with advanced adsorption power and effectively deodorizing odours. The filter delivers consistent performance for approximately 3 years if washing with water is performed once every 6 months.

Catechin Saranet Filter



The catechin contained in the filter, which are extracted from green tea, will deactivate bacteria, virus and unpleasant odours captured by the filter.

Active group annihilates and kill bacteria by

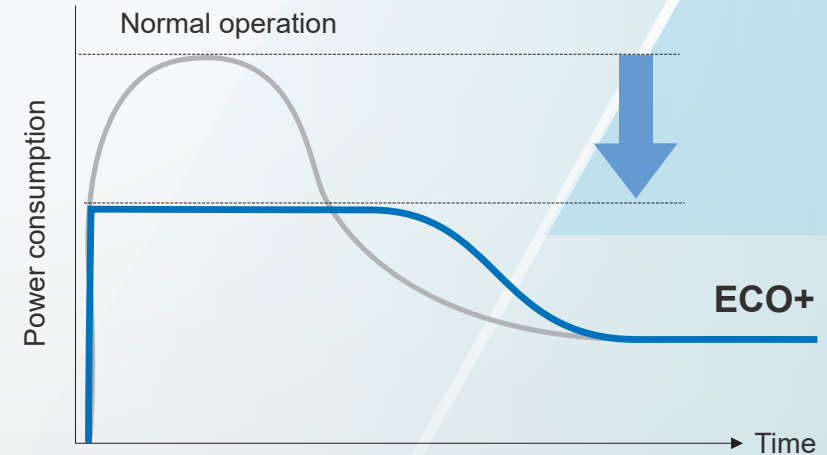
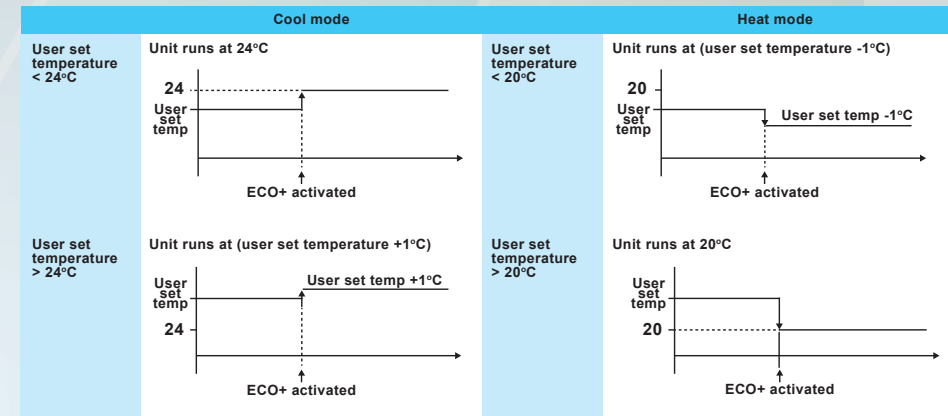
- 1) Affect bacterial microbial cell membrane
- 2) Reduce bacterial infective activity
- 3) Bond with metal ion complex of bacterial, annihilates the growth of bacterial and virus



ECO+ Function



An intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. Once activated, set temperature will be adjusted automatically to an eco-friendly level. Power saving through limiting outdoor power input / running current.



*More time is required to reach set temperature after activating ECO+ mode.

Swing Function



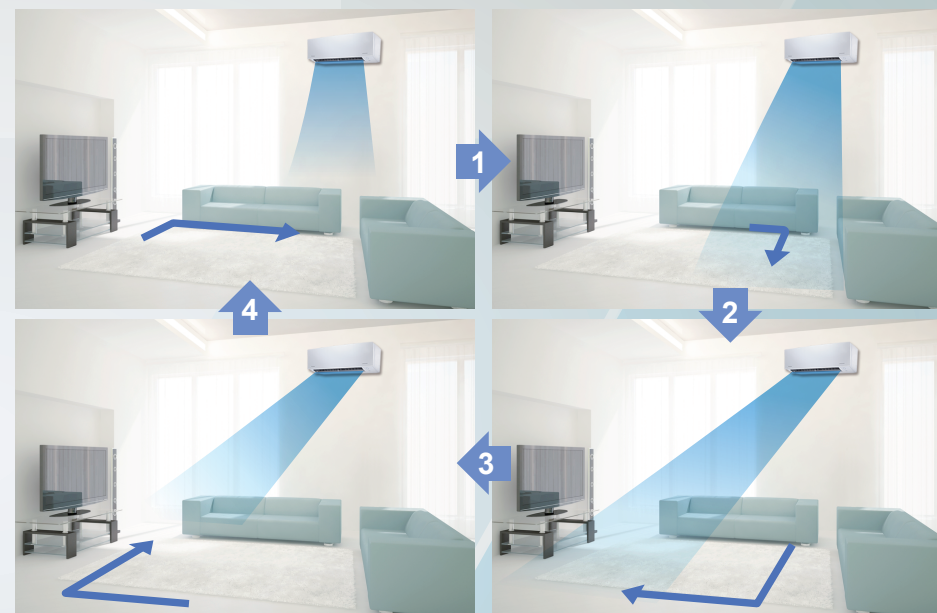
This will ease air flow navigation with auto up-down and left-right swing selection. Total of 5 steps for up-down louver and 5 step for left-right louver position for air flow navigation.

Up down louver	Position
Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Auto	

Left right louver	Position
Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Auto	

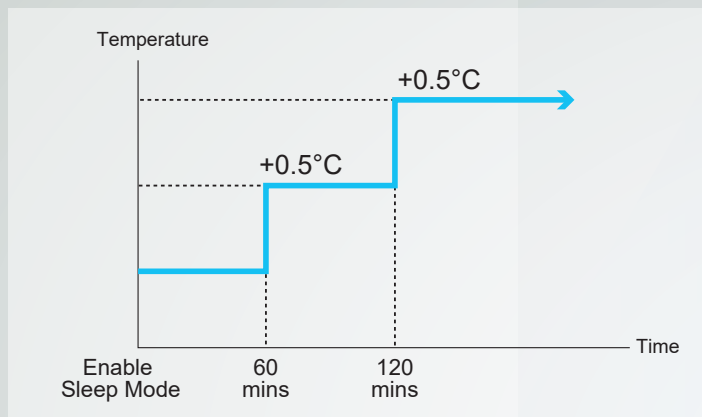
3D Air 3D

To provide air circulation and draft with 3-dimensional swing function, creating rectangular air flow within the room to cool down the room thoroughly. Ensure even distribution and coverage of airflow in the space/room. Both up-down louver and left-right louver will run in auto swing.



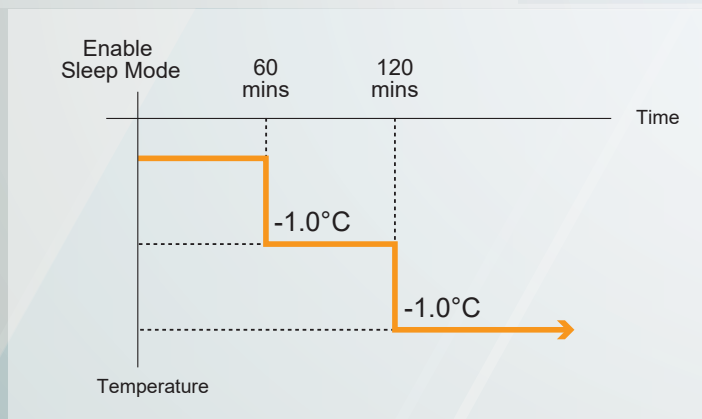
Sleep Mode

Pressing the Sleep button activates the Sleep Mode. This function prevents excessive cooling/heating for a pleasant sleep.



Cooling operation:

- 1) After 60 minutes, room temperature is raised by 0.5°C .
- 2) After 120 minutes, room temperature is raised by another 0.5°C .

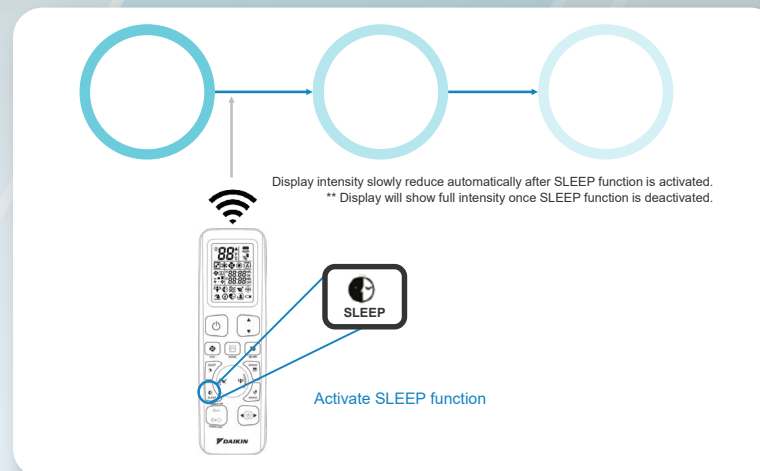


Heating operation:

- 1) After 60 minutes, room temperature is reduced by 1°C .
- 2) After 120 minutes, room temperature is reduced by another 1°C .

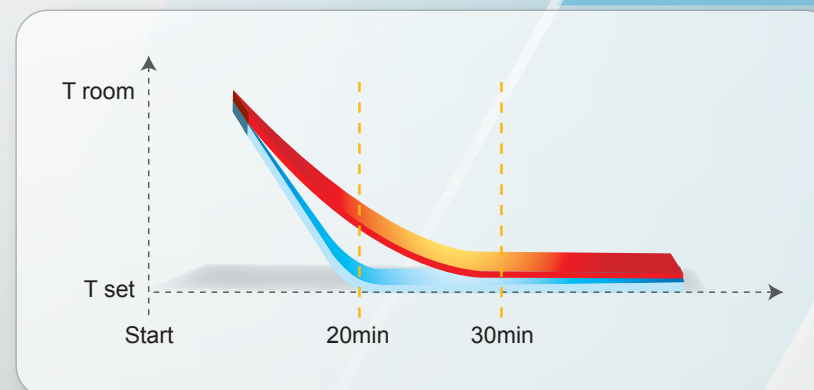
LED Dim off

Auto adjustment on display intensity when SLEEP function is activated, which allow user to enjoy sleep time with minimum disturbance from LED Light



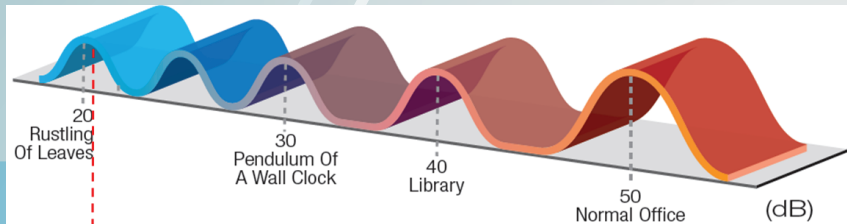
Powerful

This feature provide maximum cooling effect to user who seek for instant cooling. Once activated, fan speed will run at Turbo and compressor will run in maximum frequency to provide maximum cooling capacity. This enables the set temperature to be achieved faster. This operation will continue for 20 minutes, and then back to user setting.



Quiet

By selecting Quiet mode, the sound pressure level is reduced to an unobtrusive 21 dBA. Outdoor unit fan speed and compressor frequency will be tune down to ensure an undisturbed environment.



21dBA for
FTKA20/25

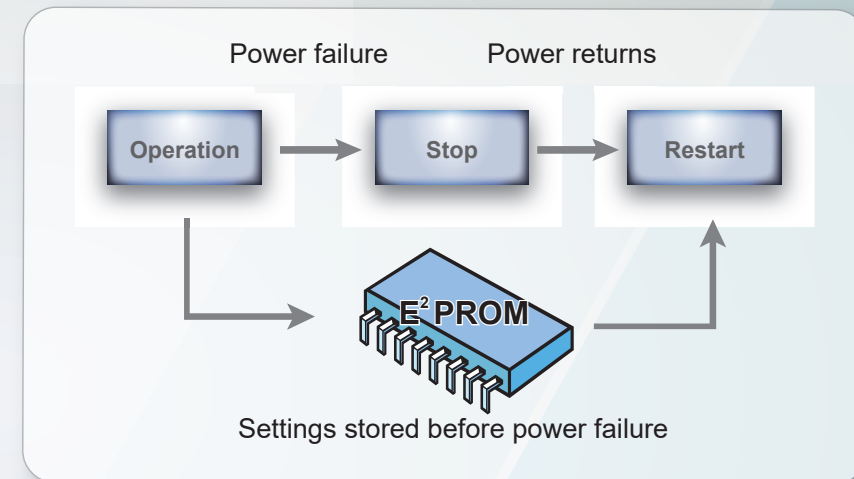
Anti-Corrosion Hydrophilic Gold Fin

The outdoor unit's heat exchanger fins are constructed from anti-corrosion hydrophilic gold fin. The anti-corrosion fin increases the life span of the heat exchanger, especially when operating under corrosive and harsh environment.

Note: Gold fin only applicable for RKA35/50AV1H and RXA25/35/50AV1H

Auto-Restart after Power Failure

The air conditioner memorises the settings for operation mode, fan speed and temperature setting and automatically returns to them when power is restored after a power failure.



Easy-to-use Wireless **Remote Controller**

Cooling Only Handset



Heatpump Handset



Specifications

FTKA20BV1H + RKA20BV1H (Cooling)

FTKA25BV1H + RKA25BV1H (Cooling)

FTKA35BV1H + RKA35AV1H (Cooling)

FTKA50BV1H + RKA50AV1H (Cooling)

Efficiency Data			20	25	35	50
Cooling capacity	MIN-MAX	Btu/hr kW	6800 (3000 - 8200) 2.00 (0.88 - 2.40)	8800 (3300 - 9300) 2.58 (0.98 - 2.75)	11000 (3700 - 11900) 3.22 (1.10 - 3.50)	17050 (5560 - 17600) 5.00 (1.63 - 5.16)
Total input power	Cooling	W	570	680	1075	1840
EER		W/W	3.50	3.79	3.00	2.72
CSPF			5.23	5.84	4.86	4.53
CSPF GRADE			GRADE 1	GRADE 1	GRADE 1	GRADE 1

Indoor unit	FTKA-BV1H		20	25	35	50
Air flow	T/H/M/L/Q	cfm	340/300/250/205/170	410/380/300/230/170	385/360/305/225/200	685/600/525/445/390
Sound pressure level	H/M/L/Q	dB(A)	34/29/25/21	39/34/26/21	40/36/29/23	43/41/36/31
Dimension	HxWxD	mm	288 X 785 X 250	288 X 785 X 250	288 X 785 X 250	297 X 1005 X 288
Net weight		kg	9	9	9	12

Outdoor unit	RKA-AV1H / RKA-BV1H		20	25	35	50
Power supply		Ph/V/Hz		1 phase, 220 V, 50 Hz (Power from Indoor)		
Sound pressure level		dB(A)	48	49	51	56
Dimension	HxWxD	mm	418 x 695 x 244	418 x 695 x 244	420 X 765 X 291	420 X 765 X 291
Net weight		kg	18.5	20	25	27
Pipe connection	Liquid	mm	6.4	6.4	6.4	6.4
	Gas	mm	9.5	9.5	9.5	12.7
Piping	Max. length	m	20	20	20	25
	Max. elevation	m	10	10	10	15

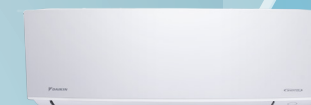
Note:

1. Rated cooling capacities are based on the following conditions: Indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB.

2. Pre-charged refrigerant amount is based on standard pre-charged piping length of 7.5m.



FTKA20BV1H
FTKA25BV1H
FTKA35BV1H



FTKA50BV1H



RKA20BV1H
RKA25BV1H



RKA35AV1H
RKA50AV1H