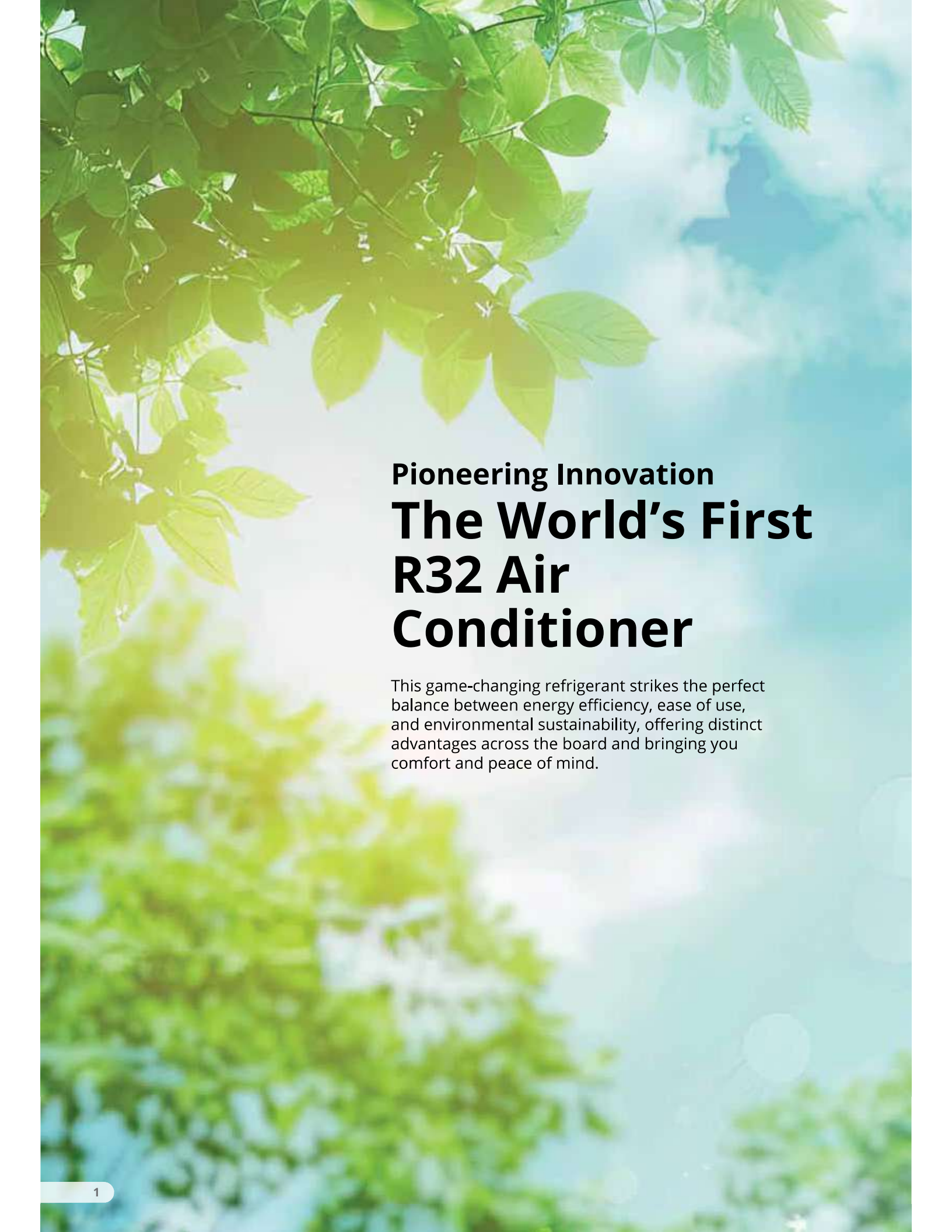




Pioneering Innovation **The World's First** **R32 Air** **Conditioner**

This game-changing refrigerant strikes the perfect balance between energy efficiency, ease of use, and environmental sustainability, offering distinct advantages across the board and bringing you comfort and peace of mind.



Ozone Layer Protection

1. Unlike R22, R32 does not contribute to ozone layer depletion.
2. R32 has one-third the global warming potential of R410A.



Life Cycle Climate Performance (LCCP)

1. LCCP measures the total global warming impact of refrigerants.
2. Factors considered in LCCP include emissions during:
 - Refrigerant manufacturing
 - Air conditioner manufacturing
 - Air conditioner operation, servicing, and disposal
3. R32 has the lowest LCCP, making it a superior choice for future refrigerants.



Economic Feasibility

1. R32 refrigerant is widely available worldwide, as it constitutes 50% of the composition of R410A.
2. With 9% lower liquid density compared to R410A, R32 requires less refrigerant charge for the same system.



Safety

R32 is a stable refrigerant with a minimal risk of ignition due to the low amount of refrigerant charge in the unit.



Energy Efficiency

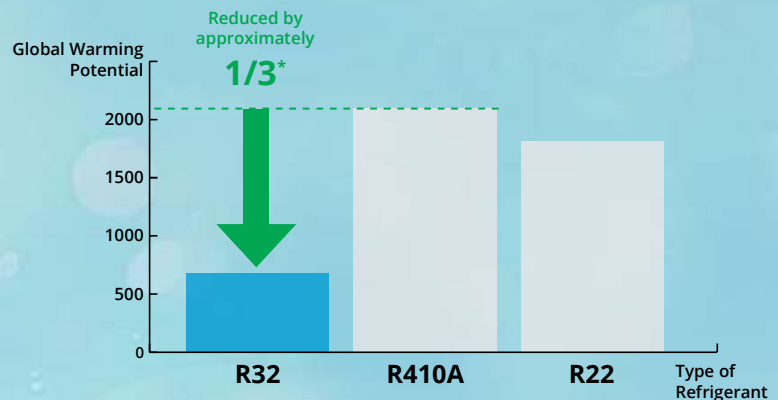
Several features enhance the efficiency of the R32 system:

- **Lower Vapor Density & System Mass Flow Rate:** This results in approximately 50% lower pressure drop.
- **Higher Latent Heat:** R32 offers 43-50% higher latent heat compared to R410A.
- **Higher Liquid Thermal Conductivity:** R32 has 41% better liquid thermal conductivity, allowing seamless and efficient heat transfer at the same mass flux.

Reducing Global Warming Impact

Our advanced R32 refrigerant system significantly decreases environmental impact by reducing the refrigerant charge by 10-30%. This not only lowers the overall global warming potential but also enhances system efficiency, making it a smart and responsible choice for a greener future.

*Source: Values for 100-year global warming potential(GWP) from IPCC Fourth Assessment Report. 100-year GWP: comparison of 2090 (HFC410A) and 675 (HFC32).



INVERTER TECHNOLOGY

R32

INVERTER

Inverter system ensures faster cooling with significant energy saving. Moreover, it helps to maintain consistent temperature in the room, makes you feel comfortable all the time especially when you are sleeping.



FTXC-E SERIES STANDARD AIR CONDITIONING

**Designed for comprehensive air distribution,
ensuring every corner of your space is
cooled efficiently and evenly.**



Powerful Operation



ECONO



Sleep Mode



Daikin Network Adaptor



Saranet Filter



**Titanium Apatite Deodorising
Filter**

**Modern Angular Aesthetic**

The overall form is characterized by the use of sharp lines, defined edges and a monolithic surface, which communicates a sense of modern elegance and seamless design.

Organic x Geometric

Inspired by Japanese origami art craftsmanship.

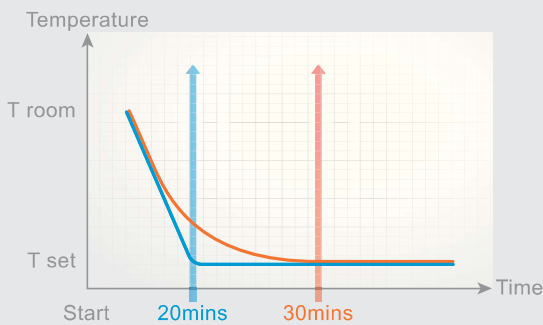
The visual highlight is a sharp, well-defined crease at the centre, which gradually transitions into a smooth, flat surface. The combination of sharp and smooth surfaces aligns with Daikin's technology precision and comfort experience it gives to customers.

Minimalistic LED Indication

LIFESTYLE CONVENIENCE



Powerful Operation



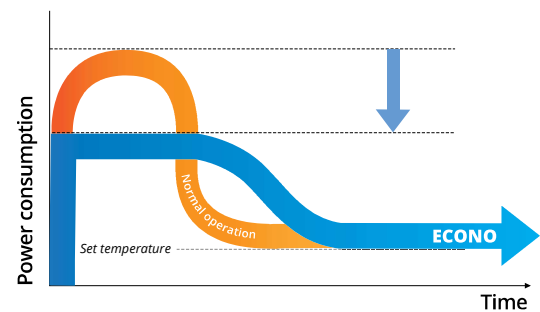
Once activated, this feature will engage the indoor fan motor to run at maximum speed for 20 minutes. The turbo airflow enables the desired temperature to be achieved faster, especially in larger spaces.

— Powerful Operation
— Normal Operation



ECONO

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 while limiting the maximum power consumption.



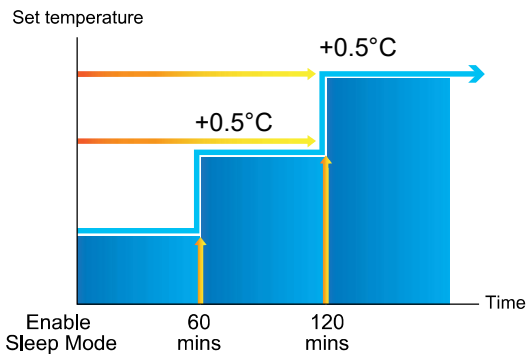
*More time is required to reach set temperature after activating ECONO mode.

LIFESTYLE CONVENIENCE



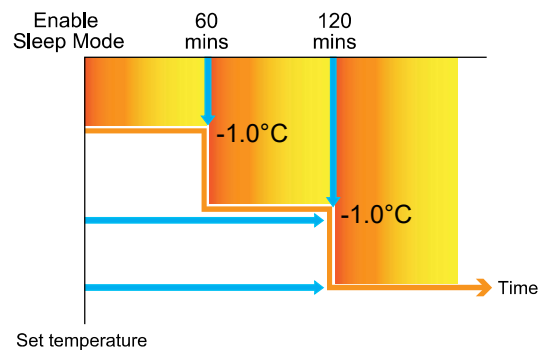
Sleep Mode

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 .

LIFESTYLE CONVENIENCE



Daikin Network Adaptor



This built-in network adaptor together with its ONECTA App turns a smartphone into a remote controller that can be used inside or outside the home. Together, they help to not only save energy and maintain comfort but also eliminate any worries of forgetting to turn off your air conditioner!



CLEANLINESS



Saranet Filter

The Saranet Air Filter and Micron-level fiber traps airborne dust particles in the air. The filters can be easily accessed or replaced without tools via the detachable front panel.



Titanium Apatite Deodorizing Filter

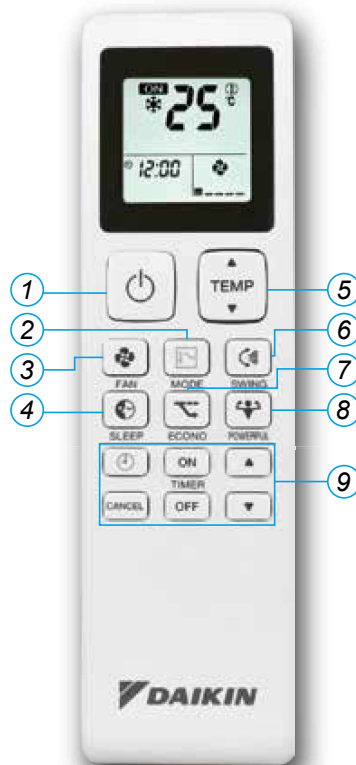
Titanium apatite filter is a filter with advanced adsorption power and effectively deodorizing odours. The filter delivers consistent performance for approximately 3 years if washing with water is performed once every 6 months.

WIRELESS HANDSET

ARC486A6

Handset for FTXC-E series

-  On/Off 1
-  Mode 2
-  Fan Speed 3
-  Sleep 4



- 5 Temperature Setting 
- 6 Swing (Up / Down) 
- 7 Econo 
- 8 Powerful 
- 9 Timer 

FUNCTION

Comfort Airflow



Power-Airflow Flap

The Power-Airflow Flap flattens out during cooling operation to deliver cool air to the corners of a room.



Power-Airflow Dual Flap

The Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room.



Wide-Angle Louvers

The Wide-Angle Louvers provide wide airflow coverage for effective operation no matter where the indoor unit is placed in a room.



Vertical Auto-Swing (up and down)

This function automatically moves the flaps up and down to distribute cool or warm air

Comfort Control



Indoor Unit Quiet Operation

Indoor unit operating sound pressure levels are decreased from the Low setting fan speed using the wireless remote controller.



Programme Dry Function

The computer chip works to rid the room of humidity while keeping the room temperature as stable as possible. It controls the temperature and airflow rate automatically, so manual adjustment of these functions is not available.



Auto Fan Speed

The microprocessor automatically adjusts the fan speed to high to rapidly reach the set temperature. Once the temperature is achieved, this function reduces the fan speed to low.



Automatic Operation

This function automatically selects cooling or heating operation mode based on the room temperature at startup.

Timer



24 Hour On/Off Timer

This timer can start or stop the air conditioner within a 24 hour period. It can be preset in 30 minute steps by pressing the button on the wireless remote controller. The on timer and off timer can be used in combination.

Worry Free



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.



Self-Diagnosis with Digital Display

Malfunction codes can be retrieved and shown on the digital display panel of the wireless remote controller for fast and easy maintenance.

Lifestyle Convenience



Inverter Powerful Operation

This function boosts cooling or heating performance for a 20 minutes period. It is convenient when it is necessary to change the room temperature quickly.



ECONO

The "ECONO" mode is an intelligent feature that ensures optimum energy consumption while fulfilling basic human comfort needs. It reduces the maximum power consumption by approximately 30% during activation and helps to reduce power consumption if the cooling load is high, for example, during large gatherings of people and periods of direct sunshine.



Sleep Mode

Unwind at the end of the day with Sleep Mode, which gradually adjust set temperature according to regular sleeping temperature patterns and auto adjust the LED display intensity for an effortlessly personalised sleeping environment.



Indoor Unit On/Off Switch

The unit can be conveniently started by hand if the wireless remote controller is misplaced or its batteries are not charged.



Daikin Network Adapter

This adaptor and its ONECTA App turn a smartphone into a remote controller that can be used inside or outside the home. Together they help to maintain comfort while saving energy and eliminate any worries about forgetting to turn off the air conditioner.

Cleanliness



Titanium Apatite Deodorising Filter

This filter contains titanium apatite. While the filter's micron-level fibres trap dust, the titanium apatite adsorbs odours and allergens, as well as deodorises odours. The filter can be used for up to three years with proper maintenance.



Saranet Filter

The Saranet Air Filter and Micron-level fiber traps airborne dust particles in the air. The filters can be easily accessed or replaced without tools via the detachable front panel.



Wipe-Clean Flat Panel

The flat panel design can be cleaned with only the single pass of a cloth across its smooth surface. The flat panel can also be easily removed for more thorough cleaning.



Removable Drain Pan

The drain pan collects condensation from the indoor heat exchanger fins. Removable drain pans help to reduce the cleaning time and ensure a better serviceability.

*Note: Applicable for FTXC60/71E only.

FUNCTION LIST

Series		
Functions		
		DC Inverter Control
Comfort Airflow		Power-Airflow Flap
		Power-Airflow Dual Flaps
		Wide-Angle Louvers
		Vertical Auto-Swing (up and down)
Comfort Control		Indoor Unit Quiet Operation
		Automatic Operation
		Auto Fan Speed
		Programme Dry Function
Lifestyle Convenience		Inverter Powerful Operation
		ECONO
		Sleep Mode
		Wireless Remote Controller with Luminous Button
		Daikin Network Adaptor
		Indoor Unit On/Off Switch
		LED Display On/Off
Cleanliness		Titanium Apatite Deodorising Filter
		Saranet Filter
		Wipe-Clean Flat Panel
		Removable Drain Pan
Timers		24 Hour On/Off Timer
Worry Free		Auto-Restart after Power Failure
		Self-Diagnosis with Digital Display

	FTXC-E	FTXC-E
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SPECIFICATIONS

FTXC-E Series



FTXC25EV1F/
FTXC35EV1F



RXC25EV1/
RXC35EV1

MODEL	INDOOR UNIT		FTXC25EV1F	FTXC35EV1F
	OUTDOOR UNIT		RXC25EV1	RXC35EV1
Power Supply		V/Ph/Hz	220-240/1/50 (Power from Outdoor)	
Cooling Capacity	Rated (Min-Max)	Btu/h	8,700 (4,400 - 10,200)	11,900 (4,400 - 13,600)
		kW	2.56 (1.30 - 3.00)	3.50 (1.30 - 4.00)
Heating Capacity	Rated (Min-Max)	Btu/h	9,700 (4,400 - 13,600)	13,600 (4,400 - 16,400)
		kW	2.84 (1.30 - 4.00)	4.00 (1.30 - 4.80)
Cooling Power Consumption	Rated	W	765	1045
Heating Power Consumption	Rated	W	750	1070
Cooling Running Current	Rated	A	3.47	4.68
Heating Running Current	Rated	A	3.45	4.82
EER		W/W	3.35	3.35
COP		W/W	3.79	3.74
SEER			6.8 / A++	6.9 / A++
SCOP (Average Climate)			4.5 / A+	4.3 / A+
SCOP (Hot Climate)			5.8 / A+++	5.7 / A+++
INDOOR UNIT			FTXC25EV1F	FTXC35EV1F
Airflow Rate	H	CFM	380	390
Sound Pressure Level	H/M/L/SL	dBA	40/33/26/21	41/34/26/22
Dimensions	H x W x D	mm	288 x 770 x 234	
Machine Weight		kg	9.0	9.5
OUTDOOR UNIT			RXC25EV1	RXC35EV1
Sound Pressure Level		dBA	45	46
Dimensions	H x W x D	mm	550 x 658 x 273	
Machine Weight		kg	24	26
Piping Connections	Gas	mm	ø9.5	
	Liquid	mm	ø6.4	
Chargeless Piping Length		m	7.5	
Maximum Piping Length		m	20	
Maximum Piping Elevation		m	15	
Operation Range (Cooling)		°CDB	10~46	
Operation Range (Heating)		°CDB	-15~18	

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.



FTXC50EV1F/
FTXC60/71EV1F



RXC50EV1/
RXC60EV1



RXC71EV1

MODEL	INDOOR UNIT		FTXC50EV1F	FTXC60EV1F	FTXC71EV1F
	OUTDOOR UNIT		RXC50EV1	RXC60EV1	RXC71EV1
Power Supply		V/Ph/Hz	220-240/1/50 (Power from Outdoor)		
Cooling Capacity	Rated (Min-Max)	Btu/h	17,400 (4,700 - 21,200)	21,300 (6,100 - 23,900)	24,200 (7,800 - 24,900)
		kW	5.10 (1.37 - 6.20)	6.23 (1.80 - 7.00)	7.10 (2.30 - 7.30)
Heating Capacity	Rated (Min-Max)	Btu/h	19,200 (4,600 - 22,500)	21,800 (5,000 - 27,300)	27,300 (7,800 - 30,700)
		kW	5.62 (1.36 - 6.60)	6.40 (1.48 - 8.00)	8.00 (2.30 - 9.00)
Cooling Power Consumption	Rated	W	1550	1890	2335
Heating Power Consumption	Rated	W	1515	1680	2460
Cooling Running Current	Rated	A	6.82	8.29	10.20
Heating Running Current	Rated	A	6.66	7.38	10.80
EER		W/W	3.29	3.30	3.04
COP		W/W	3.71	3.81	3.25
SEER			6.5/ A++	6.4/ A++	5.3/ A
SCOP (Average Climate)			4.4/ A+	4.2/ A+	3.8/ A
SCOP (Hot Climate)			5.3/ A+++	5.4/ A+++	4.6/ A++
INDOOR UNIT			FTXC50EV1F	FTXC60EV1F	FTXC71EV1F
Airflow Rate	H	CFM	440	720	720
Sound PressureLevel	H/M/L/SL	dBA	47/39/33/30	48/42/38/31	48/42/38/31
Dimensions	H x W x D	mm	288 x 770 x 234	297 x 990 x 273	
Machine Weight		kg	9.5	13.0	
OUTDOOR UNIT			RXC50EV1	RXC60EV1	RXC71EV1
Sound Pressure Level		dBA	51	54	54
Dimensions	H x W x D	mm	615 x 845 x 300		695 x 930 x 350
Machine Weight		kg	39		45
Piping Connections	Gas	mm	ø12.7		
	Liquid	mm	ø6.4		
Chargeless Piping Length		m	7.5		
Maximum Piping Length		m	30		
Maximum Piping Elevation		m	20		
Operation Range (Cooling)		°CDB	-10~46		
Operation Range (Heating)		°CDB	-15~18		

Remarks:

1. Due to product innovation, all specifications are subjected to change by the manufacturer without prior notice.
2. All units are being tested and comply to ISO5151.
3. Nominal cooling capacity are based on the conditions: 27°C DB / 19°C WB indoor and 35°C DB outdoor.