



KE Series



SEER 18 Concealed Built-in Heat Pump



EXPERTISE AND INNOVATION

Daikin's SEER 18 single split systems feature streamlined, wall-mounted indoor units paired with quietly compact outdoor units. With a flexible design made to blend in discreetly with any home design, these systems are ideal for single room enhancements and additions up to 1,460 square feet*.

*Equipment selection should always be based on detailed load calculations.

ENERGY EFFICIENCY



Integrated with an inverter “variable speed” compressor, systems deliver the capacity required to maintain desired room conditions, typically reducing energy consumption by 30% compared to traditional fixed speed systems. This technology minimizes temperature fluctuations and provides continuous cooling and heating comfort with maximum energy savings.

INDIVIDUAL COMFORT AND CONTROL

Individual temperature control provides comfort for the entire space. With effective cooling and heating coverage at quiet operating sounds, these systems combine superior comfort control with lifestyle convenience all at the touch of a button.



BUILT-IN RELIABILITY



All major components are engineered and manufactured by Daikin, ensuring maximum performance, reliability and efficiency. The standard warranty provides a solid level of protection on the KE Series system. Systems installed by an authorized Daikin Dealer who has completed Daikin's advanced training can take advantage of Warranty Plus – the best warranty in the industry.

Find a Daikin Dealer near you at www.daikinac.com.

ADVANCED FEATURES THAT MAKE A DIFFERENCE

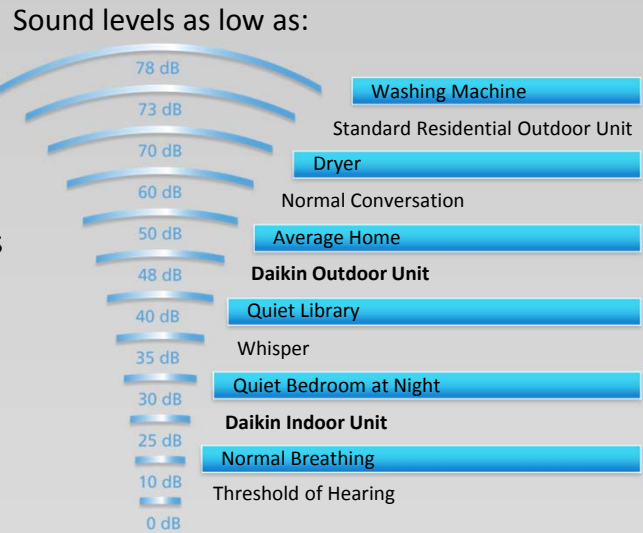
Feel the Difference



Designed for absolute comfort, Daikin's KE Series units include features to ensure a comfortable experience every moment. From the wide angle louver design to the auto-swing and comfortable mode controller settings, effective heating and cooling is ensured throughout the space.

Hear the Difference

Utilizing inverter technology to maintain comfort settings, Daikin systems most often operate at low speeds with indoor sound levels as low as 26 decibels (dB) and outdoor sound levels as low as 48 dB. Activate the indoor unit quiet operation and sound levels drop by 2-3 dB for gentler heating and cooling and operating sounds quieter than a whisper.



Breathe the Difference



Activated by the exposure to natural light, the titanium apatite photocatalytic air purification filter traps microscopic particles, decomposes odors and absorbs and deactivates bacteria. This filter lasts for three years with proper maintenance.

FEATURES

- | | | | | | | | | | |
|--------------------|---------------------------------------|-----------------------------|--|----------------------|-------------------------------------|--------------------------|-----------------------|------------|------------|
| Wide Angle Louvers | Vertical Auto Swing | Comfort Mode | Automatic Operation* | Program Dry Function | Auto Fan Speed | Wipe Clean Flat Panel | Mold Proof Air Filter | Hot Start* | Econo Mode |
| Powerful Operation | Titanium Apatite Air Purifying Filter | LCD Wireless Remote Control | Remote Controller with Backlit Display | Auto Restart | Self Diagnosis with Digital Display | Anti-Corrosion Treatment | 24 Hour On/Off Timer | | |

*Applicable to heat pump models only

Scan for Description of Features

LEADING TECHNICAL PERFORMANCE

KE Series Standard Efficiency System Performance

Indoor Model	Cooling Only & Heat Pump	FTXN09KEVJU	FTXN12KEVJU	FTXN15KVJU	FTXN18KVJU	FTXN24KVJU
Outdoor Model	Cooling Only	RKN09KEVJU	RKN12KEVJU	RKN15KEVJU	RKN18KEVJU	RKN24KEVJU
	Heat Pump	RXN09KEVJU	RXN12KEVJU	RXN15KEVJU	RXN18KEVJU	RXN24KEVJU
Cooling Capacity (Rated)	Btu/h	9,000	12,000	15,000	18,000	22,000
Cooling Capacity (Min – Max)	Btu/h	4,400 - 9,500	4,400 - 12,000	5,800 - 15,000	5,800 - 18,000	5,800 - 22,000
Heating Capacity (Rated)	Btu/h	10,000	13,500	18,000	21,600	24,000
Heating Capacity (Min – Max)	Btu/h	4,400 - 11,600	4,400 - 16,400	5,800 - 21,200	5,800 - 24,000	5,800 - 25,400
SEER		18.0	18.0	18.0	18.0	18.0
COP		3.52	2.90	3.52	3.52	2.52
EER		12.0	9.9	12.0	12.0	8.6
HSPF		8.5	8.5	8.5	8.5	8.5
Power Supply	Single phase 60Hz 208/230V					
Minimum Circuit Amps	A	4.8	7.0	15.5	15.5	15.5
Maximum Overcurrent Protection	A	15.0	15.0	20.0	20.0	20.0
Power Consumption - Cooling	W	750	1,210	1,250	1,500	2,560
Power Consumption - Heating*	W	840	1,220	1,730	2,200	2,530
Operating Current - Cooling	A	4.40 – 4.00	6.20 – 5.60	6.11 – 5.53	7.33 – 6.63	12.51 – 11.32
Operating Current - Heating*	A	5.00 – 4.50	6.30 – 5.70	8.46 – 7.65	10.75 – 9.72	12.37 – 11.18

Indoor Units - FTXN_K(E)VJU Wall Mounted Units

Model Name		FTXN09KEVJU	FTXN12KEVJU	FTXN15KVJU	FTXN18KVJU	FTXN24KVJU
Moisture Removal	gal/h	n/a	n/a	2.9	3.9	4.5
Airflow-Wet (H/M/L)	CFM	325/244/162/138	328/254/184/152	519/438/364/335	572/480/403/360	572/480/403/360
Airflow-Dry (H/M/L)*	CFM	342/275/212/187	357/293/226/201	568/491/406/360	614/533/448/403	614/533/448/403
Sound Pressure - Cooling (H/M/L/SL)	dB(A)	40/33/26/22	42/34/27/23	45/41/36/33	45/41/36/33	46/42/37/34
Sound Pressure - Heating (H/M/L/SL)*	dB(A)	40/34/28/25	41/35/29/26	44/40/35/32	44/40/35/32	46/42/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2
	Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	in.	11-1/8 x 30-3/8 x 7-3/4			11-7/16 x 41-5/16 x 9-3/8	
Net Weight	lbs.	16.0			26.5	

Outdoor Units - RKN_KEVJU Cooling Only and RXN_KEVJU Heat Pump

Model Name	Cooling Only	RKN09KEVJU	RKN12KEVJU	RKN15KEVJU	RKN18KEVJU	RKN24KEVJU
Model Name	Heat Pump	RXN09KEVJU	RXN12KEVJU	RXN15KEVJU	RXN18KEVJU	RXN24KEVJU
Sound Pressure Level - Cooling/Heating*	dB(A)	48/48	50/51	51/53	53/53	54/54
Operating Range - Cooling	°F DB	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*	°F DB	5 - 77	5 - 77	5 - 77	5 - 77	5 - 77
Max. Piping Length	ft.	65.6	65.6	98.4	98.4	98.4
Max. Piping Height	ft.	49.2	49.2	65.6	65.6	65.6
Dimensions (H x W x D)	in.	21-5/8 x 25-7/8 x 10-7/8			23-7/16 x 31-5/16 x 11-13/16	
Net Weight	lbs.	68.0			93.0	

*Applicable to heat pump models only

Options

Part Number

Indoor Unit

Wired Controller	BRC944B2-A08
Interface Adaptor for Connection of Wired Controller (09/12 MBH)	KRP980B1
Condensate Pump	DACA-CP1-1

For Outdoor Unit

Mounting Bracket	DACA-WB-3
Air Adjustment Grille (09/12 MBH)	KPW038A4
Air Adjustment Grille (15/18/24 MBH)	KPW937C4

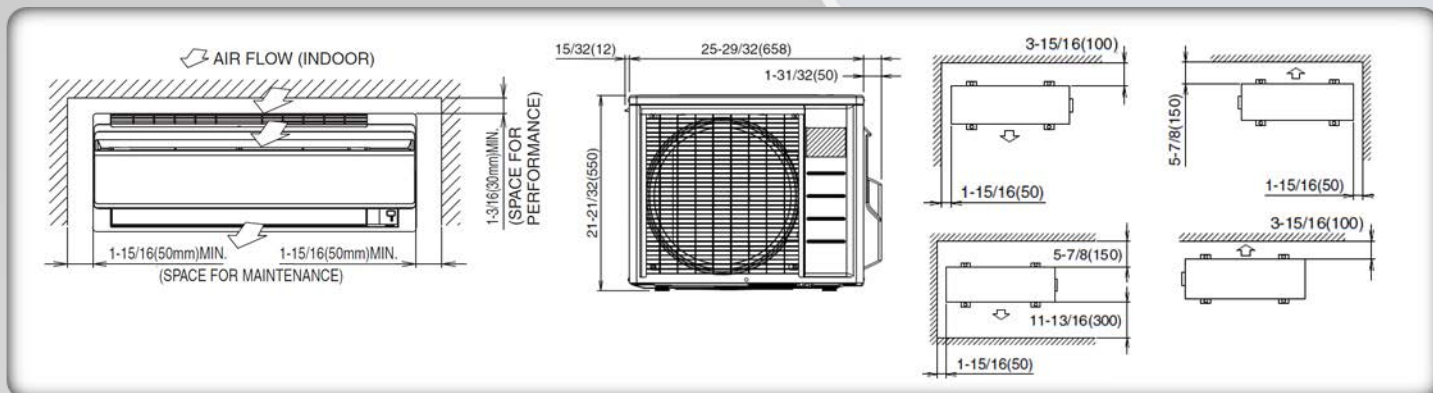
TIME-SAVING INSTALLATION AND EASE

Connected by a pair of refrigerant lines, few electrical connections, and little to no ductwork, indoor and outdoor units can be easily installed in existing spaces with minor disruption and often in a single day's work. The compact and lightweight designs combined with flexible piping and minimal wiring allow installation with minimal time and costs.

For FTXN09/12KEVJU, RX(K)N09/12KEVJU

Space required for installation (in.)

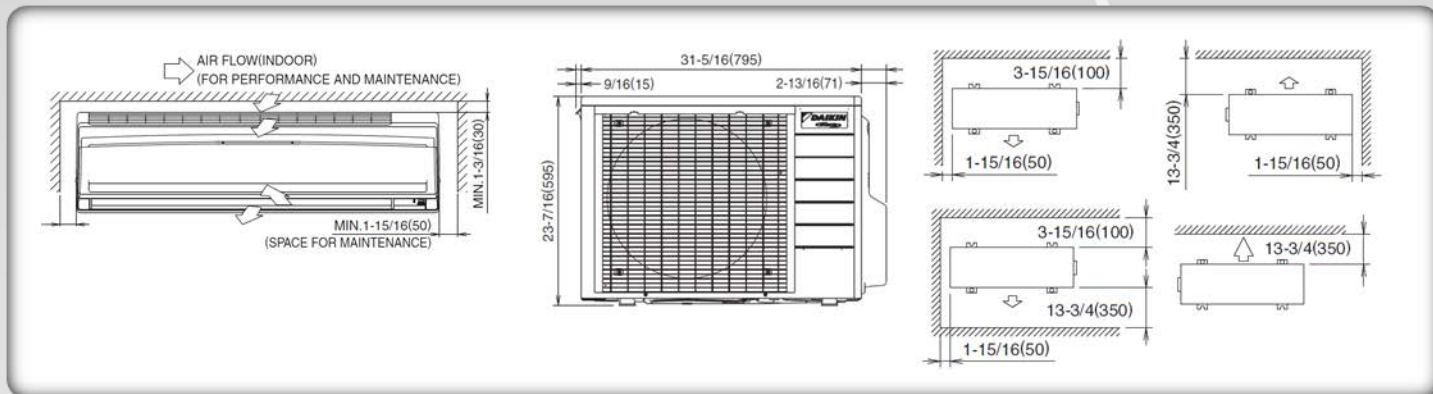
Wall height on air outlet side = Less than 47-1/4"



For FTXN15/18/24KVJU, RX(K)N09/15/18/24KEVJU

Space required for installation (in.)

Wall height on air outlet side = Less than 47-1/4"



WARNINGS:

- Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Daikin sales office.



Use of the AHR Certified™ mark indicates a manufacturer's participation in the certification program. For verification of certification for individual products, go to www.ahridirectory.org



Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION
Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.



Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.
Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM.



All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 International standard for environmental management.

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