

Residential

Quaternity Series Mini-Splits

Product Flyer 2013/8

0.75 to 1.5 TON



COMFORT FOR LIFE



EXPERTISE AND INNOVATION

Daikin's Quaternity system incorporates technological innovations that deliver features and benefits superior to traditional mini-split systems. Equipped with built-in intelligence and extensive features in a high efficiency system, Quaternity provides a comfortable and refreshing indoor environment with advanced filtration and climate control.



All Quaternity systems qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.

ENERGY EFFICIENCY

Up to

26.1 SEER

15.8 HSPF

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 CONTROL

Individual temperature control provides comfort for the entire space. With effective cooling and heating coverage at quiet operating sounds as low as 26 dBA for indoor units and 46 dBA for outdoor units, 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 Quaternity 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.

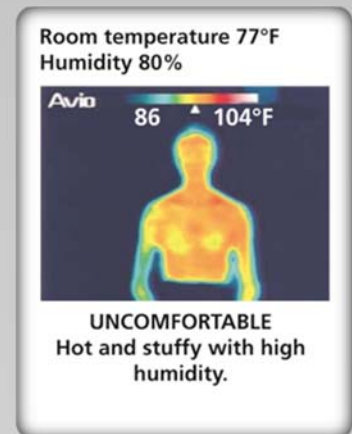
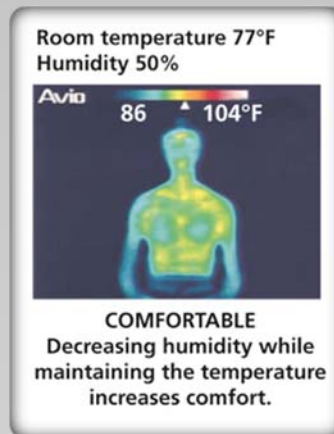
Find a Daikin Dealer near you at www.daikinac.com.



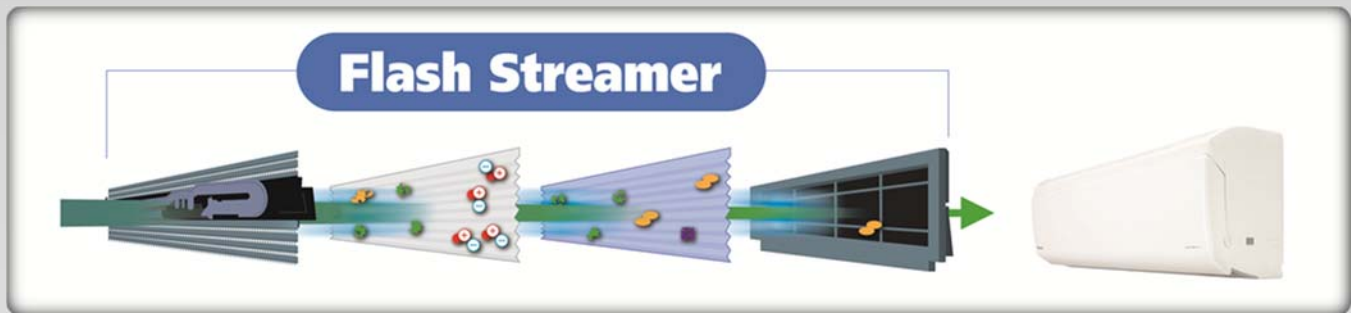
ADVANCED FEATURES

Feel the Difference

Utilizing intelligent indoor heat exchanger technology, dehumidification can be achieved by maintaining room temperature and controlling humidity to a relative setting. Whether dehumidifying is needed on a hot summer day or a warm rainy night, Quaternity can provide a refreshingly cool experience while maintaining year round comfort.



Breathe the Difference



Equipped with multistage filtration and flash streamer air purification, this advanced system can purify 1,000 times faster than conventional plasma type systems. Discharging high energy electrons from the streamer unit, allergens, odors, and unwanted chemicals are analyzed, decomposed and removed from the air in a timely manner—creating cleaner air.

FEATURES



Wide Angle Louvers



Powerful Airflow Dual Flaps



Vertical Auto Swing



Horizontal Auto Swing



3D Airflow



Comfort Mode



Automatic Operation



Program Dry Function



Auto Fan Speed



Wipe Clean Flat Panel



Flash Streamer



Indoor Quiet Operation



Powerful Mode



Mold Proof Air Filter



Titanium Apatite Air Purifying Filter



Anti-Corrosion Treatment



Hot Start



LCD Wireless Remote Control



24 Hour On/Off Timer



Indoor Unit On/Off Switch



Self Diagnosis with Digital Display



Auto Restart

LEADING TECHNICAL PERFORMANCE

Quaternity Premium Efficiency System Performance				
Indoor Model		FTXG09HVJU	FTXG12HVJU	FTXG15HVJU
Outdoor Model		RXG09HVJU	RXG12HVJU	RXG15HVJU
Cooling Capacity (Rated)	Btu/h	9,000	12,000	15,000
Cooling Capacity (Min – Max)	Btu/h	5,300 - 12,300	5,300 - 15,700	5,300 - 18,000
Heating Capacity (Rated)	Btu/h	12,000	16,000	18,000
Heating Capacity (Min – Max)	Btu/h	4,400 - 18,000	4,400 - 19,100	4,400 - 21,200
SEER		26.1	24.2	21.0
EER		15.8	14.0	12.9
HSPF		11.0	10.6	10.0
Power Supply		Single phase 60Hz 208/230V		
Minimum Circuit Amps	A	14.5	14.5	14.5
Maximum Overcurrent Protection	A	15.0	15.0	15.0
Power Consumption - Cooling	W	250 - 900	260 - 1,300	260 - 1,930
Power Consumption - Heating	W	220 - 1,900	220 - 2,100	230 - 2,120
Operating Current - Cooling	A	3.1	4.3	5.64
Operating Current - Heating	A	4.04	5.64	6.36
Indoor Units - FTXG_HVJU Wall Mounted Units				
Model Name		FTXG09HVJU	FTXG12HVJU	FTXG15HVJU
Moisture Removal	gal/h	3.3	4.1	4.8
Airflow-Wet (H/M/L)	CFM	420/325/230	459/346/240	487/371/258
Airflow-Dry (H/M/L)	CFM	438/346/258	470/367/272	494/392/293
Sound Pressure - Cooling (H/M/L)	dB(A)	42/33/26	43/35/27	45/37/29
Sound Pressure – Heating (H/M/L)	dB(A)	42/35/28	43/36/29	44/38/31
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8
	Condensate Drain	in.	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	in.	12 x 35-1/32 x 8-7/32		
Outdoor Units - RXG_HVJU Heat Pump				
Model Name		RXG09HVJU	RXG12HVJU	RXG15HVJU
Sound Pressure Level - Cooling/Heating	dB(A)	46/46	49/48	50/50
Operating Range - Cooling	°F DB	14 - 109	14 - 109	14 - 109
Operating Range - Heating	°F DB	-4 - 75	-4 - 75	-4 - 75
Max. Piping Length	ft.	32	32	32
Max. Piping Height	ft.	26	26	26
Dimensions (H x W x D)	in.	22-3/8 x 31-9/32 x 11-7/32		
Net Weight	lbs.	99	99	99
Options			Part Number	
Indoor Unit				
Wireless Remote Controller (Standard)			ARC447A3	
Condensate Pump			DACA-CP1-1	
Outdoor Unit				
Mounting Bracket			DACA-WB-3	
Air Adjustment Grille			KPW937A4	

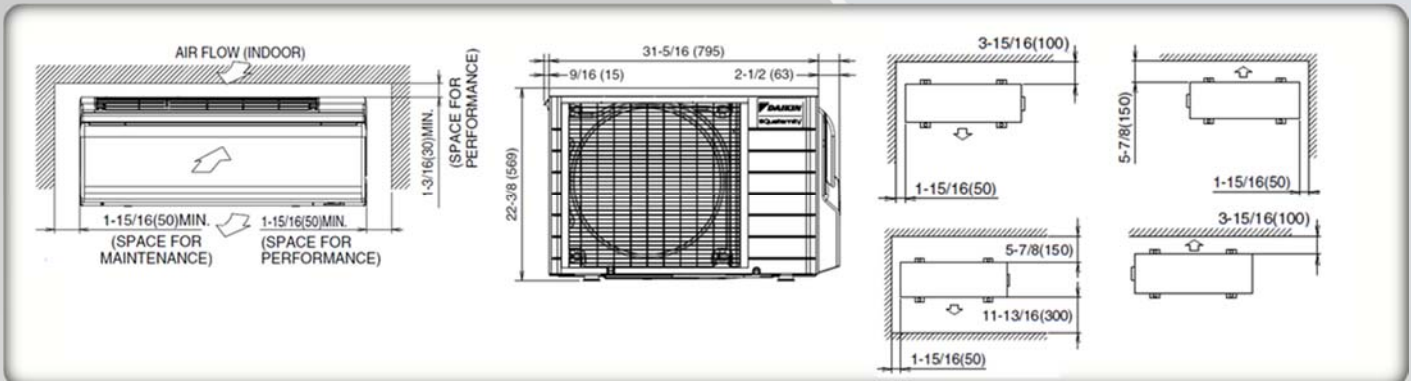
TIME SAVING INSTALLATION AND EASE

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 FTXG09/12/15HVJU, RXG09/12/15HVJU

Space required for installation (in.)

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



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

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DAIKIN

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