



Next Generation Mini VRV

The Daikin VRV IV S-series completes the VRV air-cooled offering by allowing the technology to be offered in smaller sizes and capacities. The new VRV IV S-series systems are equipped with Variable Refrigerant Temperature (VRT) technology which provides year round comfort and energy savings. With the ability to connect up to 9** indoor units to one outdoor unit and long piping lengths (up to 984** ft. total piping length), the space saving VRV IV S-series system is ideal for most light commercial and residential applications.

Light Commercial and Residential

A highly efficient solution, the VRV IV S-series provides cooling and heating for up to 9 zones. With many different indoor unit options to choose from, systems can be paired with a mix of ducted and duct-free indoor units for a customizable system. Designed for flexibility and versatility, the VRV IV S-series system provides long piping lengths, making it an accommodating and space-saving solution for almost any floor layout.

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.



Features

- » Improved year round comfort and energy savings as compared to VRV VIII-S thanks to the newly added VRT technology
- » Broader diversity with ability to connect up to 9 indoor units
- » Space saving design with under 39"*** height. Over 25% smaller as compared to VRV VIII-S
- » Easier to install with over 39% weight reduction vs VRV VIII-S
- » Low sound levels for comfort
- » Uses Daikin's reliable swing compressors
- » Dependable operation in extreme ambient conditions up to 122°F**
- » Safety and peace of mind with optional auto changeover to auxiliary heat
- » Backed by a 10-Year Parts Limited Warranty and 10-Year Replacement Compressor Limited Warranty*

Find out more about Daikin VRV

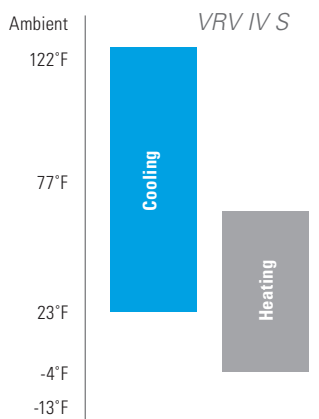
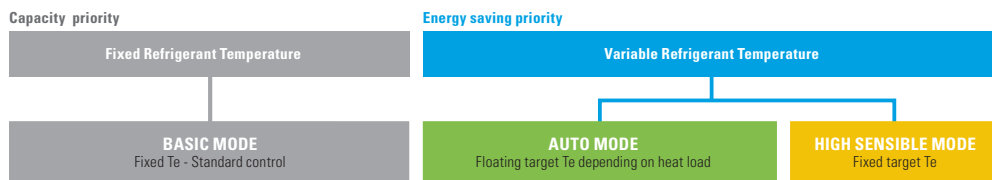
* Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com

** Dependent on outdoor unit model; See table on page 2 for more details.

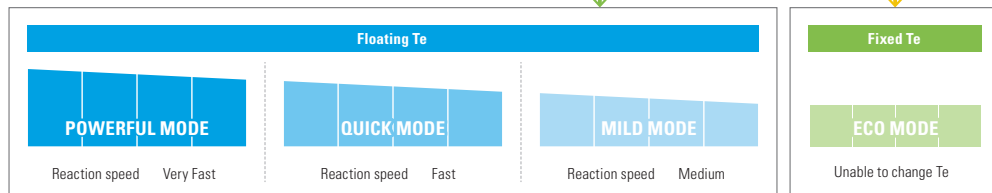


VRT mode control selection to match user preferences

VRT mode is efficiency focused while Basic mode is capacity focused.



Selecting VRT enables operation to be optimized for either energy efficiency or rapid cooling.



- Can boost capacity above 100% if needed. The refrigerant temperature can go lower in cooling than the set minimum.
- Gives priority to very fast reaction speed. The refrigerant temperature goes down fast to keep the room setpoint stable.
- Gives priority to fast reaction speed. The refrigerant temperature goes down fast to keep the room setpoint stable.
- Gives priority to efficiency. The refrigerant temperature goes down gradually giving priority to the efficiency of the system instead of the reaction speed.



The Daikin Swing Compressor

- Daikin VRV IV S-series is built with the highly reliable Daikin swing compressor
- Daikin's swing compressor technology integrates all the moving parts into one component
- The integration minimizes abrasion between moving parts and refrigerant leakage through gaps from high to low pressure zones
- Daikin's swing compressors deliver higher compressor efficiencies than a standard rotary compressor

SERIES		VRV IV S	VRV IV S	VRV IV S	
Model Name		RXTQ36TAVJ9A	RXTQ48TAVJUA	RXTQ60TAVJUA	
PERFORMANCE	Nominal Cooling Capacity	BTU/h	36,000	48,000	57,500
	Nominal Heating Capacity	BTU/h	40,000	52,000	57,000
	Operation Range Cooling	°F DB	23 to 122		
	Operation Range Heating	°F WB	-4 to 60		
	Power	V/p/Hz	208-230/1/60		
	Sound Pressure Level @ 3ft	dBA	58		57
REFRIGERANT PIPING	Refrigerant	R410A			
	Refrigerant Quantity	lbs	6.4	7.5	7.9
	Liquid Pipe (Main Line)	in	3/8		3/8
	Suction Gas Pipe (Main Line)	in	5/8		3/4
	Vertical Pipe Length	ft	98		
	Maximum vertical pipe length between IDU	ft	33	49	49
	Actual Pipe Length (Equivalent Length)	ft	164	230	230
	Total Piping Length	ft	820	984	984
CONNECTION RATIO	Connectable Indoor Unit Ratio	% 50-130			
	Number of Indoor Units	Qty	6	8	9
UNIT	Outdoor Unit Size	(HxWxD)	39 x 37 x 12-5/8	39 x 37 x 12-5/8	52-15/16 x 35-7/16 x 12-5/8
	Weight	lbs.	172	172	225
FAN	Airflow	CFM	2,682		3,741
	Fan Motor Output and Quantity	kW	0.20 x 1	0.20 x 1	0.070 X 2
ELECTRICAL	Maximum Over Current Protection (MOP)	A	20	35	35
	Minimum Circuit Amps (MCA)	A	17	29	29
	Rated Load Amps (RLA)	A	15.3	19.0	23.2
COMPRESSOR	Compressor Type	Type	Daikin Swing	Daikin Swing	Daikin Swing
	Capacity Control	%	14-100	14-100	14-100
ODU Style	Fan Type	Single Fan	Single Fan	Double Fan	



Our continuing commitment to quality products may mean a change in specifications without notice.

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