

AIR-COOLED - COMMERCIAL - RENOVATION - NEW CONSTRUCTION

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Daikin's VRVIII system is the 7th generation of the original Daikin VRV launched in 1982. Completely re-engineered to realize opportunities for VRV in taller / larger buildings, it utilizes the latest advances in refrigeration and air-conditioning technology. The totally new Daikin Inverter compressor system delivers improved efficiency and performance, while ensuring satisfaction of demands throughout the connected zones. With a choice of 460V/3ph/60Hz or 208-230V/3ph/60Hz, the heat pump or heat recovery configurations power up to 30-Tons of capacity from a single piping network. The system also allows up to 62 indoor fan coil units, a 200% connection index, and integrated controls, with BMS options and piping limitations never before seen with a DX system. With these attributes, VRVIII naturally positions itself wherever traditional chilled water systems are desired.



VRVII Features and Benefits

Commercial sites can range in size from a few hundred to several thousand square feet. That's why Daikin offers the new VRVIII aircooled system with advanced features to meet practically any challenge. Completely re-engineered to realize opportunities for VRV in taller / larger buildings, it utilizes the latest advances in refrigeration and air-conditioning technology.

- Available up to 30-Ton in one system, 208-230V/60Hz/3ph or 460V/60Hz/3ph
- Heat pump (heating and cooling) and heat recovery (simultaneous heating and cooling across multiple zones) systems available
- Individual zone control
- Can operate up to 62 indoor fan coil units
- Auto charging function
- Continuous heating during defrost operation
- Longest pipe lengths in product class
- Advanced zoning capabilities
- Excellent energy efficiency, especially at part load conditions
- Daikin's optimized scroll compressor designed for R-410A provides a quiet, reliable energy-efficient operation
- Anticorrosion treatment standard on exterior metal parts and heat exchanger
- Fully compatible with the complete Daikin control suite including Intelligent Touch Controller, Intelligent Manager III, and LONWORKS[®] and BACnet[®] gateways

It is widely used worldwide in applications such as:

- Health care
- Hotels and conference facilities
- Offices
- Residential multi-family
- Restaurants
- Retail stores



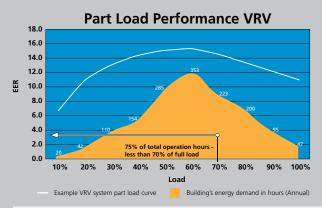
VRVIII is available in heat pump and heat recovery versions where heating and cooling can be made available simultaneously across multiple zones.

What is VRV?

VRV is a commercially applied heating and cooling system that distributes refrigerant, rather than water, to multiple fan coil units serving the conditioned spaces. The natural attributes of a VRV system position it as an alternative to a chiller system.

The Features of VRV

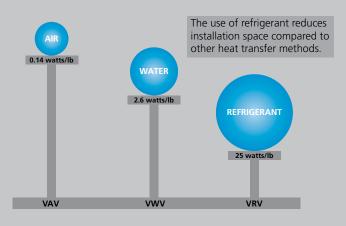
- Energy efficient, all systems incorporate inverter "variable speed" compressors
- Many zones (individual control up to 62 zones on one piping network)
- Centralized system (long piping up to 3,280 ft. total)
- Tight temperature control (Proportional Integral Derivative)
- Large capacity (modular systems combination)
- Quiet operation (down to 25dB(A) indoor)
- High level control (BACnet, LONWORKS, Intelligent Manager, Intelligent Touch Controller)
- Superior heating performance
- Absolute Comfort



Why Refrigerant?

The commonly used methods of heat transfer in air-conditioning solutions each exercise different operational characteristics regarding adding or removing heat energy to a conditioned space.

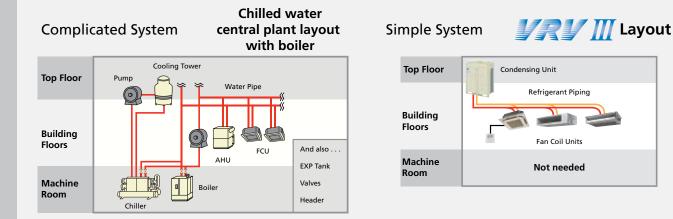
This diagram represents the energy transfer possible per pound of media due to the performance characteristic of the fluid used.



Why is VRV an efficient alternative?

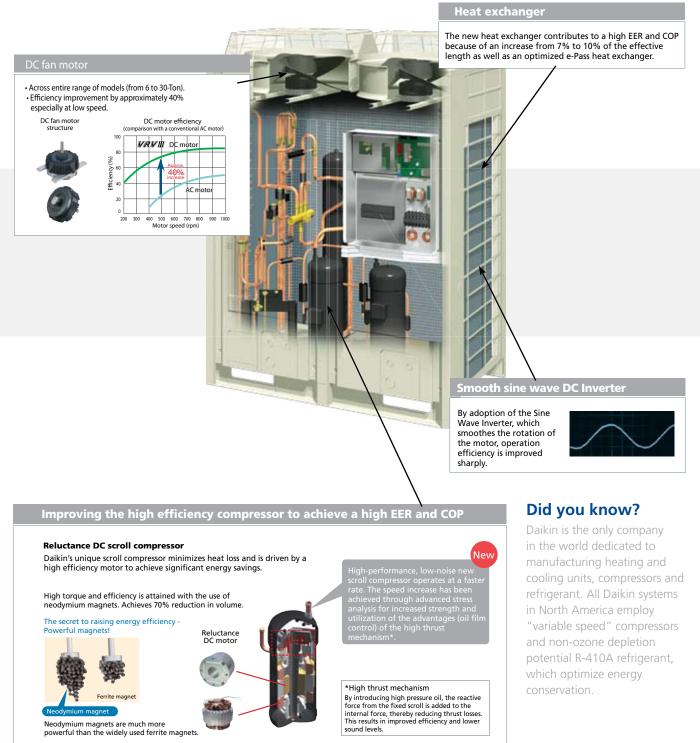
The heating and cooling system in a commercial building is used at 70% or less of its maximum capacity for 75% of the operational time.

VRV offers ease of design and installation



VRVIII opens up opportunities in larger, more complex buildings

Daikin is using the latest and most revolutionary technologies in the development of the VRVIII system for large-sized buildings. The system offers greater energy savings, easier installation, longer actual and total piping length, and more.



DAIKIN AC

VRVIII

Extended Operation Range

Advanced Proportional Integral Derivative (PID) control of the outdoor unit enables the VRVIII series to operate at outdoor ambient conditions down to 23°F in cooling mode and down to -4°F in heating mode. A new Low Ambient Cooling feature allows the VRVIII heat recovery systems to operate as low as -4°F in cooling mode as well.

Daikin is the only VRF manufacturer to provide capacity tables up to 122°F for high ambient design applications. The cooling is guaranteed at those temperatures. However, both efficiency and cooling output will start dropping over 110°F.

Standard operation range (cooling)

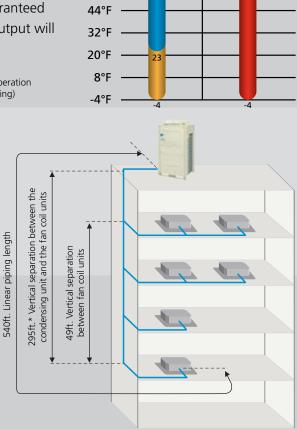
Extended operation range (cooling)

Standard operation range (heating)

Long Refrigerant Piping Lengths

Ft.
540 (620)
3,280
164* (295)
49
295

*295ft. if outdoor unit is above and accessory PCB is installed



Cooling (DB)

122

122°F

110°F

104°F

92°F

80°F

68°F

56°F

Heating (WB)

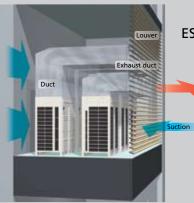
60

External Static Pressure (ESP)

The additional ESP (up to 0.32" W.G.) provides far more flexibility when designing condensing units in plant room applications. No additional components are required to extend the fan performance.



It is now even easier to put a condensing unit on each floor or in a mechanical room and duct out the discharge air.



ESP up to 0.32" W.G.

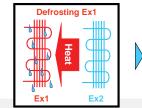
VRVIII Benefits in Heating

Advanced Defrost Cycle Operation in Heating

Superior Heating Comfort

Thanks to the newly adopted continuous heating during defrost function, cold draft discharge from the indoor unit during defrost is eliminated. Therefore, heating comfort is improved and better maintained.

> Outdoor unit Heating Ex1 Ex2



Outdoor unit

(not available in heat pump)

unit Outdoor unit

Ex2

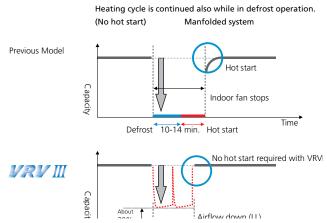
transferred from one heat exchanger to the other in

Each heat exchanger is defrosted by using heat

Heating Operation While in Defrost Operation

The first graph below shows the defrost cycle on the previous model where it uses a reverse cycle defrost of 10 to 14 minutes and then has to perform a hot start. With VRVIII the outdoor unit continues in heating and the fans will switch to LL (Low Low). Defrost lasts for 8 to 12 minutes and because heating operation has continued, no hot start is required.





The new VRVIII allows continuous heating during defrost

Ex1

- Approximately 30% or more capacity can be produced with no hot start required
- All other VRF systems require the system to switch to cooling then a hot start to preheat the indoor unit before resuming operation
- This causes a disruption to the heating and space temperature

Oil Return Operation in Heating Previous Model Change to cooling operation. Outdoor uni FAN stop OLUTE COMFORT igh/low pressure gas pipe Heating operation continues. Heating or unit DAIKIN

Continuous heating during oil return

When the previous model is in heating mode to perform an oil recovery cycle (two hours after initial start up and every eight hours thereafter), the system must change to cooling. With the improvements to VRVIII outdoor unit and branch selector unit, the system continues in the heating mode during the full oil recovery cycle. Daikin is the only VRF manufacturer that is capable of continuous heating during oil return.

VRVIII Heat Recovery

Offers simultaneous cooling and heating operation on the same piping network

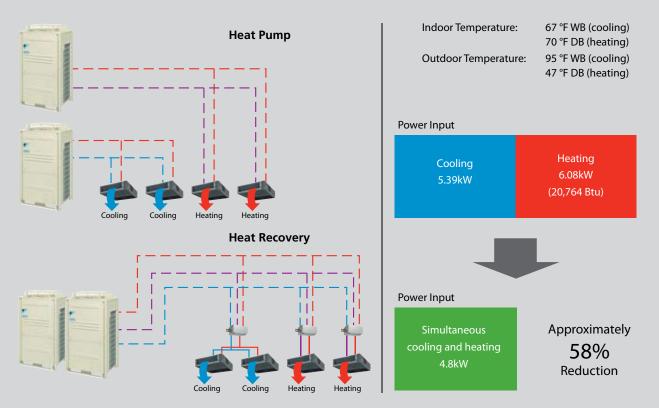
Branch Selector Unit

By adding high pressure/low pressure gas piping and a branch selector unit (sold separately), simultaneous heating and cooling operation can be provided by a single system.



Heating operation for room not significantly heated by the sun

The example below shows two 6-Ton heat pump systems, one operating in full cooling (6 Tons) and one operating in full heating (6 Tons), the power inputs were 5.39kW and 6.08kW respectively, giving a total of 11.47kW. When looking at the same example with a heat recovery system, with 50% of the capacity operating in full cooling (6 Tons) and 50% operating in full heating (6 Tons), the power input for the system can be as low as 4.8kW, this would mean about half reduction in power input.



The new branch selector unit (BSVQ_P) has improved the cooling/heating changeover, oil recovery cycle and sound level by utilizing expansion valves in place of the 3-way valve and solenoid subcooling valve found in the previous model.

In the new branch selector unit there is a main and sub expansion valve for the high/low pressure gas pipe, the suction gas pipe and one for the subcooling circuit.

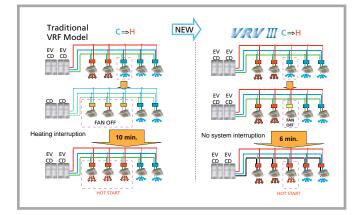
- Improvement of the cooling/heating changeover
- Continuous operation during oil recovery
- Sound level reduction of branch selector unit

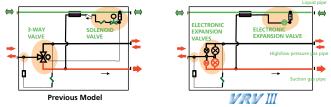
No system interruption in mode changeover

With most VRF systems, when changing an indoor unit from cooling to heating, the heating operation for the full system is shut down. The system pressure must equalize in the hot gas line, which causes disruption to all units in heating. The heating is then started for the full system and each indoor unit has to go through a hot start (the indoor unit coil has to be at approximately 93°F) before the fan starts to avoid cold drafts. This sequence of operation can take approximately 10 minutes.

With the new branch selector unit (BSVQ_P), only the indoor units changing from cooling to heating will shut down and only those will go through a hot start causing no system disruption and only six minutes of downtime for the indoor unit changing operation mode.

The changeover time can be shortened depending on the pipe length from the branch selector unit to indoor unit by simply reprogramming the indoor unit (range 3-10 minutes).



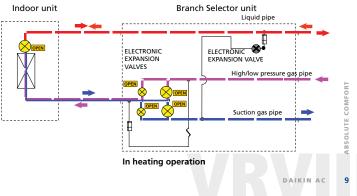


The Daikin Difference

In most VRF systems, the heating mode for the full system has to allow the high pressure in the hot gas line to equalize before heating is started. There then has to be at least 44 psi difference between gas and suction to have enough force to switch the 3-way valve which could cause refrigerant noise.

The new branch selector unit has dual expansion valves on both suction and high/low pressure gas pipes in place of the 3-way valve in the previous model. This allows the pressure from the branch selector unit to indoor unit to slowly equalize by opening the sub expansion valve on high/low pressure pipe closing all other valves in the branch selector unit before full heating operation begins for that indoor unit.

This eliminates the need to stop the heating mode in the full system and reduces sound level. Also, the solenoid valve and capillary tube supply to the liquid sub-cool heatexchanger is replaced by an expansion valve to eliminate the switching sound of the solenoid valve, and also to enable some control of the amount of refrigerant to flow through the sub-cool heat-exchanger.

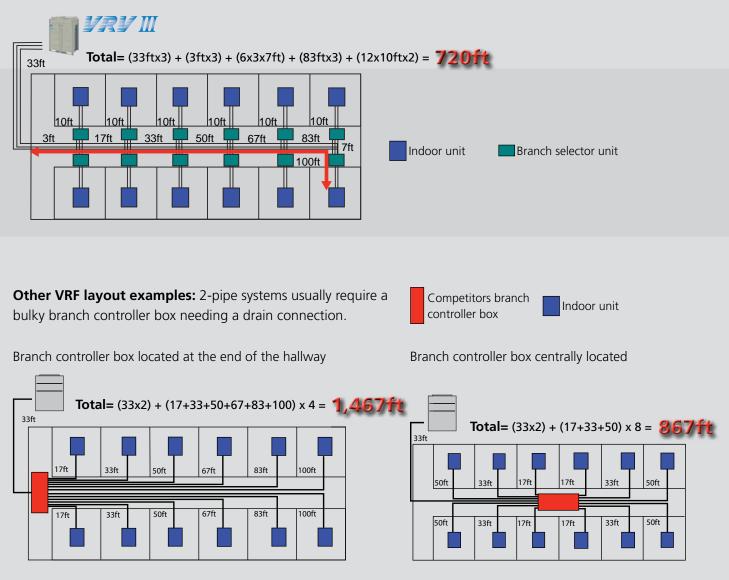


Heat Recovery Built-in Flexibility

Benefits of Daikin VRVIII using 3-pipe configuration in its heat recovery version

Daikin's VRV heat recovery uses a dedicated hot gas pipe during heating operation allowing for higher off coil temperatures, even at lower ambient conditions, thus increasing the heating capacity of the system. Compared to a 2-pipe heat recovery system using a liquid/gas mixture line, the Daikin system eliminates the friction occurring between pure gas and pure liquid when used in the same pipe. Also, the 2-pipe heat recovery systems have a lower hot gas temperature which can result in a lack of heating capacity and off coil temperatures.

Daikin's layout example: The Daikin 3-pipe system allows for installation of smaller, easily hidden branch selector units facilitating installation in remote spaces.



As shown above, using a 2-pipe heat recovery system results in an increase of about 20% additional piping and insulation in best case scenario, augmenting both cost of supplies and labor. Moreover, the Daikin VRV system ensures an easier compliance with local and national refrigerant safety standards such as ASHRAE Standard 15.

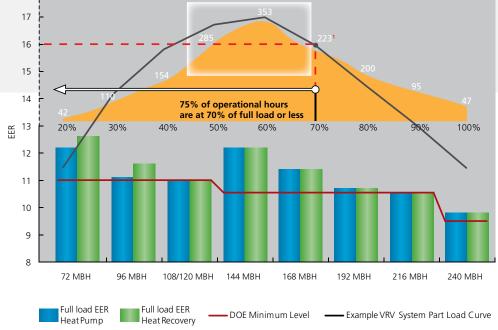
VRVIII's Outstanding performance in cooling and heating

Cooling

Widely acknowledged as the most advanced system of its type in the market, VRV represents a powerful combination of advanced inverter, heat pump and control technologies. When cooling a space, the system can operate at full load EER levels as high as 12.8 (6-Ton heat pump) and 13.8 (6-Ton heat recovery). IEER - integrated energy efficiency ratio, is a new part load efficiency metric. IEER levels during part load operation are as high as 21.0 (6-Ton heat pump) and 22.0 (6-Ton heat recovery).

Buildings are made up of many individual zones which can have varying heating and cooling requirements. It is more efficient to cool or heat an individual space as needed than to condition all of the space throughout the building, all of the time. VRV systems have the ability to control the amount of refrigerant flowing to each of the indoor units, enabling the use of up to 62 indoor units with differing capacities and styles, providing individualized comfort control, simultaneous heating and cooling in different zones and heat recovery from one zone to another.

Based on a simulation developed by Daikin's proprietary tool, EnergyCalc, the graphic below charts an EER curve and the cooling demand of a building over the time period of one year. Analysis of the building's annual cooling demand shows the required cooling capacity is below 70% of the maximum design capacity 75% of the time. With Daikin, building owners save energy by not paying to heat or cool an empty or unused space.



VRV performance and energy use are highly application-dependent and should be obtained from detailed analysis.

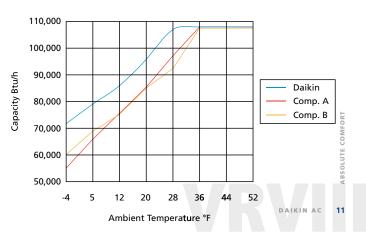
Building's energy demand in hours. (Annual)

For example **1**, the graphic shows that over the course of one full operational year, the building's VRV system analyzed operates for 223 hours at 70% of its maximum capacity (thus being at part load operation). Under this specific operational condition, the Daikin VRV has an EER of 16 in this example.

Heating

Comparing a VRVIII and its competition at full load in heating, the VRVIII 6-Ton heat recovery is 4% more efficient.

VRVIII has also more capacity in heating during low ambient operation compared to standard VRF systems. At temperatures of -4°FWB, VRVIII has more heating capacity than equivalent VRF systems by 16% and 23% respectively.

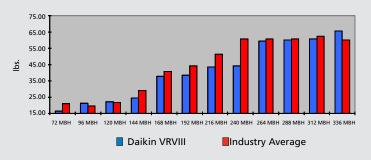


VRVIII's Outstanding performance in cooling and heating

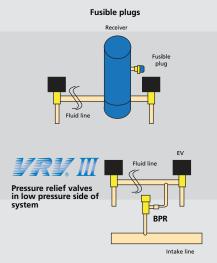
Reduced factory charge

The factory refrigerant charge has been reduced for all outdoor units by up to 34% compared to previous VRV models. This allows for easier application to satisfy local and national safety standards such as ASHRAE standard 15.

The reduction in the factory charge puts Daikin at up to 27% less factory refrigerant charge than our VRF competitors, an excellent advantage to engineers when it comes to satisfying local and national safety standards.



⁽Heat pump 208-230V used as example)

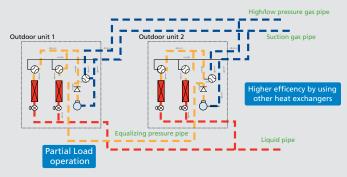


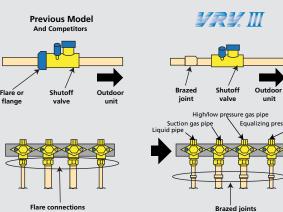
Environmental consciousness

The fusible plugs used in older systems as the pressure relief device in the liquid receiver have been replaced with pressure relief valves. Now instead of releasing the refrigerant to the atmosphere, it is relieved to the low pressure side of the system, a far more environmentally conscious solution (The safety valve is activated if the pressure exceeds 570psi).

Environmental consciousness

When only one of the outdoor unit modules is operating due to low load, refrigerant is bypassed to the other outdoor unit through the pressure equalizing pipe. By utilizing both heat exchangers part load energy efficiency is improved.





To minimize the chance of leaks, the piping connections inside the outdoor unit are all brazed. Also, the flared connections were changed to brazed connections on liquid and gas shutoff valves.

Backup Functions

In order to make operation time equal for each compressor in a manifolded system, the outdoor units are used in rotation. The operation priority starts once the following conditions have been met:

- On completion of oil recovery cycle
- On completion of defrost
- Upon restart once a system has stopped

The cyclical start-up sequence of multiple outdoor unit systems equalize compressor duty and extends operating life.

Back up – redundancy

Should a fault occur on a compressor, the system can be set into "emergency" mode. This will allow the system to operate at partial capacity for a period of 24 hours until the problem can be rectified.

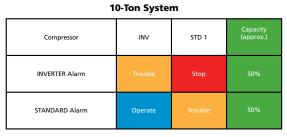
Manual Back Up Single Module

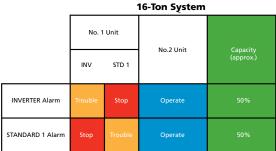
If the system is set to "emergency inverter compressor" operation, the standard compressor will operate at the index of the indoor units in thermostat-on at a minimum 50% of the connected ratio.

Auto or Manual Back Up of Manifolded Systems

In case of compressor trouble in a manifolded system, it is required to disable the entire module with the malfunction. It is not possible to disable only one compressor and leave the other compressor running in that module. This is due to oil balancing within the system. The "emergency mode" in a manifolded system can be set to manual or automatic via a field code.

The automatic mode is achieved by pressing the on/off button for four seconds once the compressor malfunction code has been activated. This allows the end user (if desired) to reset the system and run on 50% of heating/cooling until a service technician arrives.

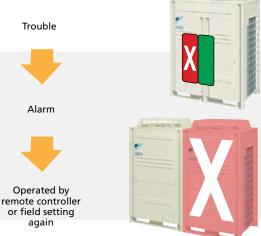




Rotation of outdoor units System with two outdoor units											
Outdoor Unit A Outdoor Unit B											
Previous time	Priority 1	Priority 2									
This time	Priority 2	Priority 1									
Next time	Priority 1	Priority 2									

If the system is set to "emergency standard compressor" operation, the inverter compressor can operate even if only one indoor unit (with less than 50% index) is in thermostat-on.

Back Up Operation



				24-Ton System	ו	
	No. 1	Unit	No.2 Unit	Capacity	No.3 Unit	Capacity
	INV	STD 1	No.2 Onit	(approx.)	10.5 0110	(approx.)
INVERTER Alarm	Trouble	Stop	Operate	33%	Operate	33%
STANDARD 1 Alarm	Stop	Trouble	Operate	33%	Operate	33%

DAIKIN AC 13

Installation & Maintenance

Friendly Design

Automatic Charge Function

Conventional Way:

- 1. Calculation of additional refrigerant charging volume
- 2. Charging the unit with additional refrigerant
- 3. Measuring the weight of the cylinder
- 4. Judgment based on pressure (test operation)

VRVIII

With VRVIII however, these four steps are omitted since the VRVIII unit can be charged with the necessary amount of refrigerant automatically via a push button on the PCB. Automatic charging will cease once the appropriate amount of refrigerant has been transferred.

If temperature drops below 32°F outdoors, manual charging is necessary. After having switched to heating and once the indoor temperature rises above 32°F, push the auto charge button to activate auto charge function.

Automatic Test - Simplified Commissioning

When refrigerant charging has ceased, pushing the test operation button on the PCB will initiate a check on the wiring, shut off valves, sensors and refrigerant volume. This test ceases automatically when completed.

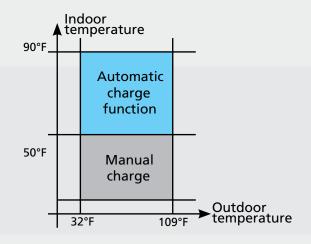
Easy Maintenance Self Diagnostic Function

This function operated via push button on the PCB, speeds up troubleshooting and should be used for start-up and maintenance. Disconnected thermistors, faulty solenoid valves or motor operated valves, compressor malfunctions, communication errors, etc can be diagnosed quickly.

Automatic Information Storage

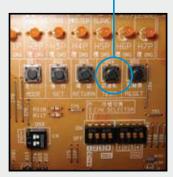
During unit operation, storage of data from the last five minutes occurs automatically. In cases of malfunction, analysis of data from the last five minutes will be carried out to identify the location of the problem and cause of malfunction. Measures to eliminate the cause of malfunction can then be implemented.







Test operation button



VRV Indoor Units

								Capacit	y Rango	е				
	Indoor Type	МВН	7.5	09	12	18	24	30	36	42	48	54	72	96
		Tons	0.6	0.75	1	1.5	2	2.5	3	3.5	4	4.5	6	8
	Vertical air handling unit (horizontal right configuration is possible)	FXTQ_PAVJU												
ted	DC ducted concealed ceiling (medium static)	FXMQ_PVJU												
Ducted	Concealed ceiling unit (medium static)	FXMQ_MVJU												
	Slim duct built-in concealed ceiling unit	FXDQ_MVJU												
	Round flow ceiling mounted cassette	FXFQ_PVJU												
	2' x 2' 4-way ceiling mounted cassette	FXZQ_M7VJU												
Duct-free	Wall mounted unit	FXAQ_MVJU												
Duc	Ceiling suspended unit	FXHQ_MVJU												
	Floor standing unit	FXLQ_MVJU												
	Concealed floor standing unit	FXNQ_MVJU												
Ventilation	100% Outside Air Processing Unit	FXMQ_MFVJU												
Venti	Energy Recovery	cfm VAM_GVJU	300	470	600	1200								

DAIKIN AC 15

Available (12 types, 55 models)

🐔 Condensate pump standard on model

Outside air connection possible on model

VRV Systems Branch Selector Units

Branch Selector Units - BSV(4/6) (for use with REYQ_PBYD / REYC				Sing	gle-Port Traditi	Multi-Port		
	Model			BSVQ36PVJU	BSVQ60PVJU	BSVQ96PVJU	BSV4Q36PVJU	BSV6Q36PVJU
	Power V		V/Ph/Hz	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
BSVQ_PVJU	Number of branches			1	1	1	4	6
	Number of connectable units per branch			Max. 5	Max. 8	Max. 8	Max. 4	Max. 4
- Time -	Weight		lbs.	26	26	33	132	196
	Dimensions (H x W x D)		in.		8 1/8 x 15 1/4 x 12 13/16		8-1/4 x 41-1/2 x 25	8-1/4 x 62-1/8 x 25
BSV4Q36PVJU		Indoor Unit	Liquid in.	ø 3/8 (Braze)	ø 3/8 (Braze)	ø 3/8 (Braze)	ø 3/8 (Braze)	ø 3/8 (Braze)
			Gas in.	ø 5/8 (Braze)	ø 5/8 (Braze)	ø 7/8 (Braze)	ø 5/8 (Braze)	ø 5/8 (Braze)
and the state of t	Piping Connections		Liquid in.	ø 3/8 (Braze)	ø 3/8 (Braze)	ø 3/8 (Braze)	ø 1/2 (Braze)	ø 5/8 (Braze)
P C C C C C C C C C C C C C C C C C C C		Outdoor Unit	Suction Gas in.	ø 5/8 (Braze)	ø 5/8 (Braze)	ø 7/8 (Braze)	ø 1-1/8 (Braze)	ø 1-1/8 (Braze)
BSV6Q36PVJU			HP/LP Gas in.	ø 1/2 (Braze)	ø 1/2 (Braze)	ø 3/4 (Braze)	ø 3/4 (Braze)	ø 1-1/8 (Braze)

Ultimate Flexibility - Choose which product is best for your design

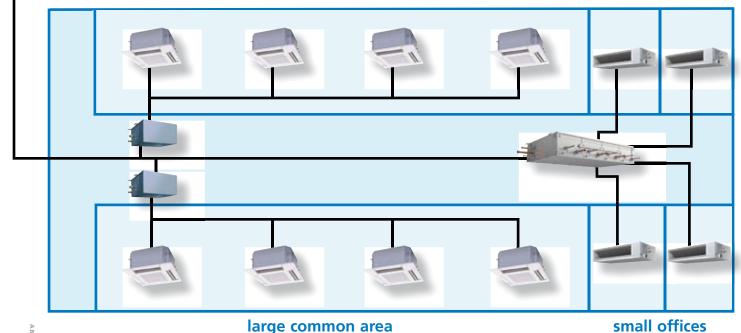
Traditional Branch Selector - BSVQ_PVJU

- Better for open plan design
- Use in spaces where individual heat/cool zones are not required



Multi-Port Branch Selector - BSV4Q36PVJU / BSV6Q36PVJU

- Better for smaller tightly grouped rooms
- Use where individual heat/cool control is required



ABSOLUTE COMFORT

VRV Systems - Condensing Units

(208 - 230V / 3Ph / 60Hz)

• • • • • • •	,								
Outdoor Un			6 Ton	8 Ton	10 Ton	12 Ton	14 Ton	16 Ton	18 Ton
RXYQ_PBTJ									
	Name		RXYQ72PBTJ	RXYQ96PBTJ	RXYQ120PBTJ	RXYQ144PBTJ	RXYQ168PBTJ	RXYQ192PBTJ	RXYQ216PBTJ
Model	Combination						1x RXYQ96PBTJ +	1x RXYQ120PBTJ +	1x RXYQ120PBTJ +
	Complination						1x RXY072PBTJ	1x RXYO72PBTJ	1x RXYO96PBTJ
	Rated Cooling Capacity	Btu/h	69,000	92.000	114,000	138.000	160,000	184,000	206,000
	Rated Cooling Input Power	kW	5,39	7.36	9.58	12.21	13.22	15.59	17.61
	Rated Heating Capacity	Btu/h	77,000	103,000	129,000	154,000	180.000	206,000	231,000
D	Rated Heating Input Power	kW (Btu/h)	6.08 (20,472)	8.27 (28,237)	10.42 (35,578)	13.27 (45,309)	14.26 (48,689)	17.01 (58,079)	18.81 (64,225)
Performance	Operating Range - Cooling (DB)	°F	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122
	Operating Range - Heating (DB/WB)	°F	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60
	Power	V/Ph/Hz	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
	Sound Pressure Level @3ft	dB(A)	57	60	60	62	62	62	63
Fan	Airflow	cfm	6,350	8,230	8,230	8,300	8,230 + 6,350	8,230 + 6,350	8,230 + 8,230
	Vertical Pipe Length - above	ft.	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)
	Vertical Pipe Length - below	ft.	295	295	295	295	295	295	295
Refrigerant Piping	Actual Pipe Length	ft.	540	540	540	540	540	540	540
	Equivalent Pipe Length	ft.	620	620	620	620	620	620	620
	Total Pipe Length	ft.	3,280	3,280	3,280	3,280	3,280	3,280	3,280
Unit	Weight	lbs.	420	620	620	747	620 + 420	620 + 420	620 + 620
Unit	Dimensions (H x W x D)	in.	66-1/8 x 36-5/8 x 30-1/8	66-1/8 x 48	-7/8 x 30-1/8	66-1/8 x 51-3/16 x 30-1/8	(66-1/8 x 48-7/8 x 30-1/8)	+ (66-1/8 x 36-5/8 x 30-1/8)	66-1/8 x 48-7/8 x 30-1/8 x 2
			20 Ton	22 Ton	24 Ton	26 Ton	28 Ton	30 Ton	
	Name		RXYO240PBTJ	RXYO264PBTJ	RXYO288PBTJ	RXYO312PBTJ	RXYO336PBTJ	RXYO360PBTJ	
Model	Combination		2x RXYQ120PBTJ	2x RXYQ96PBTJ + 1x RXYQ72PBTJ	1x RXYQ120PBTJ + 1x RXYQ96PBTJ + 1x RXYQ72PBTJ	2x RXYQ120PBTJ + 1xRXYQ72PBTJ	2x RXYQ120PBTJ + 1x RXYQ96PBTJ	3x RXYQ120PBTJ	
	Rated Cooling Capacity	Btu/h	228.000	251.000	274.000	297,000	320.000	342.000	
	Rated Cooling Input Power	kW	19.66	21.45	26.10	25.83	29.91	31.67	
·	Rated Heating Capacity	Btu/h	257,000	283,000	308,000	334,000	360,000	385,000	
	Rated Heating Input Power	kW (Btu/h)	21.52 (73,478)	23.7 (80,921)	26.17 (89,355)	29.66 (101,271)	30.58 (104,413)	35.26 (120,392)	
Performance	Operating Range - Cooling (DB)	°F	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	
	Operating Range - Heating (DB/WB)	°F	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	
	Power	V/Ph/Hz	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	
	Sound Pressure Level @3ft	dB(A)	63	64	64	64	65	65	
Fan	Airflow	cfm	8,230 + 8,230	8,230 + 8,230 + 6,350	8,230 + 8,230 + 6,350	8,230 + 8,230 + 6,350	8,230 + 8,230 + 8,230	8,230 + 8,230 + 8,230	
	Vertical Pipe Length - above	ft.	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	
	Vertical Pipe Length - below	ft.	295	295	295	295	295	295	
Refrigerant Piping	Actual Pipe Length	ft.	540	540	540	540	540	540	
	Equivalent Pipe Length	ft.	620	620	620	620	620	620	
		ft.	3.280	3.280	3.280	3.280	3.280	3.280	
	Total Pipe Length Weight								
Unit	Weight Dimensions (H x W x D)	lbs.	5,200 620 + 620 66-1/8 x 48-7/8 x 30-1/8 x 2	620 + 620 + 420	620 + 620 + 420 x 30-1/8) x 2 + (66-1/8)	620 + 620 + 420	620 + 620 + 620	620 + 620 + 620 /8 x 30-1/8) x 3	

Outdoor Ur	nits -		6 Ton	0 To 10	40 Tam	40 To a	14 Tam	16 Ton	10 Tom
REYO PBTJ	Heat Recoverv		6 ION	8 Ton	10 Ton	12 Ton	14 Ton	16 ION	18 Ton
	Name		REY072PBTJ	REYO96PBTJ	REYO120PBTJ	REYO144PBTJ	REYO168PBTJ	REYO192PBTJ	REYO216PBTJ
Model	C. L. K						1x REMQ96PBTJ +		1x REMQ120PBTJ +
	Combination						1x REMO72PBTJ	2x REMQ96PBTJ	1x REMO96PBTJ
	Rated Cooling Capacity	Btu/h	69,000	92,000	114.000	138,000	160,000	184,000	206.000
	Rated Cooling Input Power	kW	5.00	7.60	10.09	11.90	13.91	16.73	19.07
	Rated Heating Capacity	Btu/h	77,000	103,000	129,000	154,000	180,000	206,000	231,000
Performance	Rated Heating Input Power	kW (Btu/h)	5.94 (20,281)	8.39 (28,647)	11.12 (37,968)	13.27 (45,309)	15.07 (51,455)	17.76 (60,640)	20.52 (70,064)
renomance	Operating Range - Cooling (DB)	°F	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122
	Operating Range - Heating (DB/WB)	°F	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60
	Power	V/Ph/Hz	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
	Sound Pressure Level @3ft	dB(A)	58	58	60	62	61	62	62
Fan	Airflow	cfm	6,700	6,700	7,410	8,300	6,530 + 6,350	6,530 + 6,530	7,060 + 6,530
	Vertical Pipe Length - above	ft.	164 (295 with option)	164 (295 with option)	164 (295 with option)		164 (295 with option)	164 (295 with option)	164 (295 with option)
	Vertical Pipe Length - below	ft.	295	295	295	295	295	295	295
Refrigerant Piping	Actual Pipe Length	ft.	540	540	540	540	540	540	540
	Equivalent Pipe Length	ft.	620	620	620	620	620	620	620
	Total Pipe Length	ft.	3,280	3,280	3,280	3,280	3,280	3,280	3,280
Unit	Weight	lbs.	730	730	730	747	560 + 450	560 + 560	560 + 560
	Dimensions (H x W x D)	in.		66-1/8 x 51-3	8/16 x 30-1/8		(6	6-1/8 x 36-5/8 x 30-1/8	x 2
			20 Ton	22 Ton	24Ton	26 Ton	28 Ton		Asharina .
	Name		REYQ240PBTJ	REYQ264PBTJ	REYQ288PBTJ	REYQ312PBTJ	REYQ336PBTJ	and the second	and the second s
Model	Combination		2x REMO120PBTJ	2x REMQ96PBTJ +	1x REMQ120PBTJ + 1x REMQ96PBTJ +	2x REMQ96PBTJ +	2x REMQ120PBTJ +		Manufacture 1
	Combination		2X REIVIQ 120PB1J	1x REMQ72PBTJ	1x REMQ96PBTJ +	1x REMQ120PBTJ	1x REMQ96PBTJ		A California (O
	Rated Cooling Capacity	Btu/h	240.000	251.000	274.000	297.000	320.000	A REAL PROPERTY AND A REAL	
	Rated Cooling Input Power	kW	23.76	22.21	25.61	28.83	31.37	the state of the second	100 L
	Rated Heating Capacity	Btu/h	257,000	283,000	308,000	334,000	360,000	Contraction of	345 -
Performance	Rated Heating Input Power	kW (Btu/h)	23.54 (80,375)	23.70 (80,921)	26.17 (89,355)	29.66 (101,271)	30.58 (104,413)	7 - 22 - 27 - 28	the second second
renomance	Operating Range - Cooling (DB)	°F	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	(-4) 23 - 122	A CONTRACTOR	
	Operating Range - Heating (DB/WB)	°F	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60		C Alman Dan
	Power	V/Ph/Hz	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	Contraction of the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Sound Pressure Level @3ft	dB(A)	63	62	63	64	64	HE MERICAN PARTY IN CO.	and the second second
Fan	Airflow	cfm	7,060 + 7,060	6,530 + 6,530 + 6,350	7,060 + 6,530 + 6,350	7,060 + 6,530 + 6,530	7,060 + 7,060 + 6,530		-formation of the
	Vertical Pipe Length - above	ft.		164 (295 with option)					
	Vertical Pipe Length - below	ft.	295	295	295	295	295		76 4 10 10 10 10 10 10 10 10 10 10 10 10 10
Refrigerant Piping	Actual Pipe Length	ft.	540	540	540	540	540		
	Equivalent Pipe Length	ft.	620	620	620	620	620	TAXABLE PROPERTY.	
	Total Pipe Length	ft.	3,280	3,280	3,280	3,280	3,280		
Unit	Weight	lbs.	560 + 560	560 + 560 + 450	560 + 560 + 450	560 + 560 + 560	560 + 560 + 560	STREET, STREET,	
	Dimensions (H x W x D)	in.	66-1/8 x 36-5/8 x 30-1/8 x 2		(bb-1/8 x 36-5)	/8 x 30-1/8) x 3		the set of	A DECK OF A DECK

For all equipment installation and application limitations please refer to the specific Engineering Data Books.



RXYQ144PBTJ

RXYQ168/192PBTJ

RXYQ216/240PBTJ

RXYQ264/288/312PBTJ







REYQ72/96/120/144PBTJ

REYQ168/192/216/240PBTJ

ABSOLUTE COMFORT

17

VRV Systems - Condensing Units

(460V / 3Ph / 60Hz)

	0112)								
Outdoor Un	iits -) Heat Pump		6 Ton	8 Ton	10 Ton	12 Ton	14 Ton	16 Ton	18 Ton
KATQ_PDTL	Name		RXYQ72PBYD	RXYO96PBYD	RXYQ120PBYD	RXYQ144PBYD	RXYQ168PBYD	RXYQ192PBYD	RXYQ216PBYD
Model			NATQ/2FBTD	NATQ50FBTD	NATQ120FBTD		1x RXYQ96PBYD +	1x RXYQ120PBYD +	1x RXYQ120PBYD +
model	Combination					2x RXYQ72PBYD	1x RXYQ72PBYD	1x RXYQ72PBYD	1x RXYQ96PBYD
	Rated Cooling Capacity	Btu/h	69,000	92,000	114,000	138,000	160,000	184,000	206,000
	Rated Cooling Input Power	kW	5.39	7.36	9.58 129,000	10.87	13.22	15.59	17.61
	Rated Heating Capacity Rated Heating Input Power	Btu/h kW (Btu/h)	77,000 6.08 (20,472)	103,000 8.27 (28,237)	10.42 (35,578)	154,000 12.20 (41,655)	180,000 14.26 (48,689)	206,000 17.01 (58,079)	231,000 18.81 (64,225)
Performance	Operating Range - Cooling (DB)	°F	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122	23 - 122
	Operating Range - Heating (DB/WB)		0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	23 - 122 0 - 77 / -4 - 60	23 - 122 0 - 77 / -4 - 60	23 - 122 0 - 77 / -4 - 60	23 - 122 0 - 77 / -4 - 60
	Power Sound Pressure Level @3ft	V/Ph/Hz dB(A)	460/3/60 57	460/3/60 60	460/3/60 60	460/3/60 60	460/3/60 62	460/3/60 62	460/3/60 63
Fan	Airflow	cfm	6,350	8,230	8,230	6,350 + 6,350	8,230 + 6,350	8,230 + 6,350	8,230 + 8,230
rdii		ft.		6,230 164 (295 with option)	6,230 164 (295 with option)	164 (295 with option)		8,250 + 6,550 164 (295 with option)	
	Vertical Pipe Length - above Vertical Pipe Length - below	ft.	295	295	295	295	295	295	295
Refrigerant Piping	Actual Pipe Length	ft.	540	540	540	540	540	540	540
	Equivalent Pipe Length	ft.	620	620	620	620	620	620	620
	Total Pipe Length Weight	ft. Ibs.	3,280 433	3,280 633	3,280	3,280 433 + 433	3,280 633 + 433	3,280 633 + 433	3,280 633 + 633
Unit	Dimensions (H x W x D)	in.	66-1/8 x 36-5/8 x 30-1/8	66-1/8 x 48	633 7/8 x 30-1/8	66-1/8 x 36-5/8 x 30-1/8 x2	(66-1/8 x 48-7/8 x 30-1/8)	+ (66-1/8 x 36-5/8 x 30-1/8)	(66-1/8 x 48-7/8 x 30-1/8) x 2
			20 Ton	22 Ton	24 Ton	26 Ton	28 Ton		
								30 Ton	
	Name		RXYQ240PBYD	RXYQ264PBYD	RXYQ288PBYD	RXYQ312PBYD	RXYQ336PBYD	RXYQ360PBYD	-
Model	Combination		2x RXYQ120PBYD	2x RXYQ96PBYD +	1x RXYQ120PBYD + 1x RXYQ96PBYD +	2x RXYQ120PBYD +	2x RXYQ120PBYD +	3x RXYQ120PBYD	
	combination			1x RXYQ72PBYD	1x RXYQ72PBYD +	1x RXYQ72PBYD	1x RXYQ96PBYD		
	Rated Cooling Capacity	Btu/h	228,000	251,000	274,000	297,000	320,000	342,000	1
	Rated Cooling Input Power	kW	228,000 19.66	21.45	26.10	25.83	29.91	31.67	
	Rated Heating Capacity	Btu/h	257,000	283,000	308,000	334,000	360,000	385,000	-
Performance	Rated Heating Input Power Operating Range - Cooling (DB)	kW (Btu/h) °F	21.52 (73,478) 23 - 122	23.70 (80,921) 23 - 122	26.17 (89,355) 23 - 122	29.66 (101,271) 23 - 122	30.58 (104,413) 23 - 122	35.26 (120,392) 23 - 122	-
	Operating Range - Heating (DB/WB)	°F	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	0 - 77 / -4 - 60	-
	Power	V/Ph/Hz	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	1
	Sound Pressure Level @3ft	dB(A)	63	64	64	64	65	65	
Fan	Airflow	cfm	8,230 + 8,230	8,230 + 8,230 + 6,350	8,230 + 8,230 + 6,350	8,230 + 8,230 + 6,350	8,230 + 8,230 + 8,230	8,230 + 8,230 + 8,230	
	Vertical Pipe Length - above	ft.	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)	164 (295 with option)]
D (Vertical Pipe Length - below	ft.	295	295 540	295 540	295	295	295	
Refrigerant Piping	Actual Pipe Length Equivalent Pipe Length	ft. #	540 620	620	620	540 620	540 620	540 620	-
	Total Pipe Length	ft. ft.	3,280	3,280	3,280	3,280	3,280	3,280	-
Unit	Weight	lbs.	633 + 633	633 + 633 + 433	633 + 633 + 433	633 + 633 + 433	633 + 633 + 633	633 + 633 + 633	1
Unit	Dimensions (H x W x D)	in.	(66-1/8 x 48-7/8 x 30-1/8) x 2	(66-1/8 x 48-7/8	x 30-1/8) x 2 + (66-1/8 x	x 36-5/8 x 30-1/8)	(66-1/8 x 48-7	/8 x 30-1/8) x 3	
Outdoor Un REYQ_PBYD	Heat Recovery		6 Ton REYQ72PBYD	8 Ton REYQ96PBYD	10 Ton REYQ120PBYD	12 Ton REYQ144PBYD	14 Ton REYQ168PBYD	16 Ton REYQ192PBYD	18 Ton REYQ216PBYD
Model							1x REMQ96PBYD +		1x REMQ120PBYD +
	Combination					2x REMQ72PBYD	1x REMQ72PBYD	2x REMQ96PBYD	1x REMQ96PBYD +
	Rated Cooling Capacity	Btu/h	69,000	92,000	114,000	138,000	1x REMQ72PBYD 160,000	184,000	1x REMQ96PBYD 206,000
	Rated Cooling Capacity Rated Cooling Input Power	kW	5.00	7.60	114,000 10.09	<u>138,000</u> 10.07	1x REMQ72PBYD 160,000 13.91	184,000 16.73	1x REMQ96PBYD 206,000 19.07
	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity	kW Btu/h	5.00	7.60	129,000	138,000 10.07 154,000	1x REMQ72PBYD 160,000 13.91 180,000	184,000 16.73 206,000	1x REMQ96PBYD 206,000 19.07 231,000
Performance	Rated Cooling Capacity Rated Cooling Input Power	kW Btu/h kW (Btu/h) °F	5.00 77,000 5.94 (20,281) (-4) 23 - 122	7.60	114,000 10.09 129,000 11.12 (37,968) (-4) 23 - 122	<u>138,000</u> 10.07	1x REMQ72PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122	184,000 16.73	1x REMQ96PBYD 206,000 19.07
Performance	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB)	kW Btu/h kW (Btu/h) °F °F	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60	1x REMQ72PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 77 / -4 - 60	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 77 / -4 - 60	1x REMQ96PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60
Performance	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DB/WB) Power	kW Btu/h kW (Btu/h) °F °F V/Ph/Hz	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	1x REMQ72PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60	1x REMQ96PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60
	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Leating (DB/WB) Operating Range - Heating (DB/WB) Power Sound Pressure Level @3ft	kW Btu/h kW (Btu/h) °F °F V/Ph/Hz dB(A)	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60	1x REMQ72PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 61	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 77.7 - 4 - 60 460/3/60 62	1x REMQ96PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62
Performance Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DB/WB) Power Power Sound Pressure Level @3ft Airflow	kW Btu/h kW (Btu/h) °F V/Ph/Hz dB(A) cfm	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350	1x REMQ72PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 61 6,350 + 6,530	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530	1x REMQ96PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 62 7,060 + 6,530
	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Heating (DBWB) Power Sound Pressure Level @3ft Airflow Verrical Pipe Length - above	kW Btu/h ^F °F V/Ph/Hz dB(A) cfm ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 58 6,700 164 (295 with option)	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option)	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option)	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option)	1x REM072PBYD 160,000 13.91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option)	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 77.7 - 4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option)	1x REM096FBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 -60 460/3/60 62 7,060 + 6,530 164 (295 with option)
	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length	kW Btu/h °F °F V/Ph/Hz dB(A) cfm ft. ft.	5.00 77.000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540	7.60 103.000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 60 6,350 + 6,350 164 (295 with option) 295 540	1x REM072PBYD 160,000 13.91 180,000 15.07 (51,455) (4) 23 - 122 0 - 77 / -4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540	1x REM096FBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540
Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (08) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length	kW Btu/h °F °F V/Ph/Hz dB(A) cfm ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620	1x REM072PBYD 160,000 13.91 180,000 15.07 (51.455) (-4) 23 - 122 0 - 77 / -4 - 60 61 6,350 + 6,530 164 (295 with option) 295 540 620	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - above Actual Pipe Length Equivalent Pipe Length Equivalent Pipe Length	kW Btu/h kW (Btu/h) °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft.	5.00 77.000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540	7.60 103.000 8.39 (28.647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620	1x REM072PBYD 160,000 13.91 180,000 15.07 (51,455) (.4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Heating (DBWB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Total Pipe Length Weight	kW Btu/h *F °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 122 0 - 77 / 4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280	7.60 103,000 8.39 (28,647) (-4) 23 - 122 0.777 /-4.60 -460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 732	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 60 6,350 + 6,350 164 (295 with option) 295 540	1x REM072PBYD 160,000 13.91 180,000 15.07 (51.455) (-4) 23 - 122 0 - 77 / -4 - 60 -4 (20) -360 -61 -6,350 + 6,530 154 (295 with option) 295 540 -620 -3,280 -3,280 -573 + 463	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096FBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540
Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - above Actual Pipe Length Equivalent Pipe Length Equivalent Pipe Length	kW Btu/h kW (Btu/h) °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 3,280	7.60 103,000 8.39 (28.647) (-4) 23 - 122 0 - 77 /-4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 732 56-1/8 x 51-3/16 x 30-1/	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3760 60 7,410 164 (295 with option) 295 540 620 3,280 8	138,000 10.07 154,000 12,54 (42,816) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463	1x REM072PBYD 160,000 13.91 180,000 15.07 (51.455) (-4) 23 - 122 0 - 77 / -4 - 60 -61 6,350 + 6,530 154 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5)	184,000 16.73 206,000 17.76 (60,640) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Operating Range - Cooling (0B) Operating Range - Keating (DBWP) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - Boove Vertical Pipe Length - Boove Vertical Pipe Length - Boove Actual Pipe Length Total Pipe Length Diversions (H x W x D)	kW Btu/h *F °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20.281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 732 752 541/(8 x 51-3/16 x 30-1/) 22 Ton	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3760 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton	138,000 10.07 154,000 12.54 (42.816) (-(4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 26 Ton	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 771 /4 - 60 460/3/60 61 6,550 + 6,530 164 (295 with option) 295 540 620 573 + 463 (66-1/8 x 36-5, 28 Ton	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Heating (DBWB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Total Pipe Length Weight	kW Btu/h *F °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 3,280	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 164 (2	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REYQ288PBYD	138,000 10.07 154,000 12.54 (42,816) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 2640 620 3,280 463 + 463 26 Ton REYQ312PBYD	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (4) 23 - 122 0 - 771 - 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5; 28 Ton REYQ336PBYD	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Operating Range - Cooling (0B) Operating Range - Keating (DBWP) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - Boove Vertical Pipe Length - Boove Vertical Pipe Length - Boove Actual Pipe Length Total Pipe Length Diversions (H x W x D)	kW Btu/h *F °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20.281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280	7.60 103.000 8.39 (28,647) (-4) 23 - 122 0 - 771 / 4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 732 261/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 2x REMQ96PBYD +	129,000 11.12 (37,968) (-(4) 23 - 122 0 - 77, -(4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton 1x REMQ120P8YD + 1x REMQ120P8YD +	138,000 10.07 154,000 12.54 (42,816) (-4) 23 - 122 0 - 771 -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 620 620 463 + 463 26 Ton REYQ312PBYD 2x REMQ96PBYD +	1x REM072P8YD 160,000 13,91 180,000 15,07 (51,455) (4) 23 - 122 0 - 77,1-4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 573 + 463 (66-1/8 x 36-5; 28 Ton REY0336PBYD 2x REM0120PBYD +	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Cooling (DB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Equivalent Pipe Length Dimensions (H x W x D) Name Combination	kW Btu/h kW (Btu/h) °F °F V/Ph/hz dB(A) cfm ft. ft. ft. ft. ft. ft. in.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD	7.60 103.000 8.39 (28,647) (-4) 23 - 122 0 - 771 / 4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 732 66-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 2x REMQ95PBYD + 1x REMQ72PBYD	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24Ton REY0288PBYD 1x REM036PBYD + 1x REM036PBYD + 1x REM032PBYD	138,000 10.07 154,000 12,54 (42,816) (4) 23 122 0 - 77 / -4 - 60 60 6,5350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 26 Ton REYQ312PBYD 2x REMQ96PBYD + 1x REMQ120PBYD	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (4) 23-122 0-77,1-4-60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5 28 Ton REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit	Rated Cooling Capacity Rated Cooling Input Power Rated Heating (apacity Rated Heating (apacity Rated Heating (apacity Rated Heating (apacity) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - beove Vertical Pipe Length - beove Actual Pipe Length Iotal Pipe Length Iotal Pipe Length Iotal Pipe Length Dimensions (H x W x D) Name Combination Rated Cooling Capacity	kW Btu/h kW (Btu/h) °F VPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. hbs. in.	5.00 77,000 5.94 (20,281) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 2540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 732 752 754 752 541 8,51 - 3/16 x 30 - 1/2 22 Ton REYQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 251,000	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3760 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REYQ288PBYD 1x REM(276PBYD + 1x REM	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 154 (295 with option) 295 540 620 3,280 463 + 463 26 Ton REYQ312PBYD 2x REMQ96PBYD + 1x REMQ96PBYD + 1x REMQ120PBYD 297,000	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,550 + 6,530 164 (295 with option) 2955 40 620 3,280 573 + 463 (66-1/8 x 36-5 28 TON REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD 320.000	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Cooling (DB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Equivalent Pipe Length Dimensions (H x W x D) Name Combination	kW Btu/h kW (Btu/h) °F VPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. h kW Btu/h kW	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 154 (295 with option) 295 540 620 732 540 732 55-13/16 x 30-1/ 22 Ton REYQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 251,000 22,21 283,000	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24Ton REY0288PBYD 1x REM036PBYD + 1x REM036PBYD + 1x REM032PBYD	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 154 (295 with option) 295 540 620 3,280 463 + 463 26 Ton REYQ312PBYD 2x REMQ96PBYD + 1x REMQ120PBYD 297,000 28.83 334,000	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,550 + 6,530 164 (295 with option) 29 29 540 670 620 620 620 620 620 620 620 62	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - above Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length - Diversity Courd Pipe Length - Diversity Rated Cooling Capacity Rated Cooling Capacity Rated Cooling Capacity Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity	kW Btu/h kW (Btu/h) °F VPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. kW bs. in.	5.00 77,000 5.94 (20,281) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 29 540 620 3,280 (20 Ton REYQ240PBYD 2x REMQ120PBYD 2x REMQ120PBYD 240,000 23,760 23,700 23,54 (80,375)	7.60 103.000 8.39 (28,647) (-(4) 23 - 122 0.777 (-4 - 60 460/3/60 58 6,700 164 (295 with option) 2640 620 3,280 732 740 620 620 3,280 732 740 722 Ton REYQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 2x13 (65,804)	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / 4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REY0288PBYD 1x REM0120PBYD + 1x REM072PBYD 274,000 275,61 308,000 26,55 (90,653)	138,000 10.07 154,000 12,54 (42,816) (-(4)23-122 0-77/-4-60 460/3/60 60 6,350 + 6,350 164 (295 with option) 29 29 540 620 3,280 463 + 463 26 Ton REYQ312PBYD + 1x REMQ36PBYD + 1x REMQ120PBYD 297,000 297,000 29,40 (100,384)	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (.4) 23 - 122 0 - 771 /4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5; 28 Ton REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD 3200 31.37 360,000 32.97 (112,573)	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Cooling (DB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - below Vertical Pipe Length Diverical Pipe Length Total Pipe Length United Pipe Length Total Pipe Length Weight Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Input Power Rated Heating Input Power	kW Btu/h kW (Btu/h) °F VIPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. hs. in. Btu/h kW Btu/h kW (Btu/h) °F	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23,76 257,000 23,254 (80,375) (-4) 23 - 122	7.60 103,000 8.39 (28.647) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 58 6,700 164 (255 with option), 295 540 620 3,280 732 56-1/8 x 51-3/16 x 30-1/ 2X REMQ96PBYD + 1x REMQ72PBYD 251,000 22,21 233,000 251,33 (85,804) (-4) 23 - 122	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/360 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton 1x REMQ36P8YD+ 1x REMQ36P8YD+ 1x REMQ36P8YD+ 1x REMQ36P8YD+ 1x REMQ36P8YD+ 274,000 25,61 308,000 26,55 (90,653) (-4) 23 - 122	138,000 10.07 154,000 12,54 (42,816) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 463 + 463 226 Ton REY0312PBVD 2x REMQ96PBVD + 1x REMQ120PBVD 28,83 334,000 29,40 (100,384) (-4) 23 + 122	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 61 6,350 + 6,530 154 (255 with option) 295 540 670 3,280 573 + 463 (c66-1/8 x 36-5 28 Ton REY0336P8YD 2x REM0120P8YD + 1x REM09F8YD 320.000 31.37 360.000 32.97 (112,573) 467 - 122 32.000 31.27 350.000 32.97 (112,573) 32.000 31.27 350.000 32.97 (112,573) 32.000 32.97 (12,573) 32.000 32.97 (12,573) 32.97 (12	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Keating (DBWH) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Utal Pipe Length Weight Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Langu Power Derating Range - Cooling (DB) Operating Range - Cooling (DB) Operating Range - Cooling (DB)	kW Btu/h kW (Btu/h) °F °F VPPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. hbs. in. Btu/h kW kW (Btu/h) kW (Btu/h) °F °F °F °F	5.00 77,000 5.94 (20,281) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 26 (20 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23.54 (80,375) (-4) 23 - 122 0 - 77 / -4 - 60	7.60 103.000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 2640 620 3,280 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 251.000 25.13 (65,804) (-4) 23 - 122 0 - 77 / -4 - 60	129,000 11.12 (37,968) (-(4) 23 - 122 0 - 77, '4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REYQ288PBYD 1x REMQ120PBYD + 1x REMQ72PBYD 274,000 25,61 308,000 26,55 (90,653) (-4) 23 - 122 0 - 77, '4 - 60	138,000 10.07 154,000 12,54 (42,816) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 154 (295 with option) 154 (295 with option) 257 (200 with option) 28,83 334,000 29,40 (100,384) (-4) 23 - 122 0 - 777 / -4 - 60	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5, 28 Ton REYQ336PBYD 2x REMQ120P8YD + 1x REMQ96PBYD 320,000 31,37 360,000 32.97 (112,573) (-4) 23 - 122 (-771 / 4 - 60	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model	Rated Cooling Capacity Rated Cooling (Input Power Rated Heating (Aput Power Operating Range - Cooling (DB) Operating Range - Cooling (DB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - below Vertical Pipe Length Detrical Pipe Length Detrical Pipe Length Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Congero, Cooling (DB) Operating Range - Cooling (DB) Operating Range - Cooling (DB) Operating Range - Cooling (DB)	kW Btu/h -9F	5.00 77,000 5.94 (20,281) (-4) 23 122 0 - 77 / 4 - 60 460/3/60 164 (295 with option) 295 540 620 3,280 (20 Ton REYQ240PBYD 2x REMQ120PBYD 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,76 23,77 24,20 23,76 23,76 23,76 23,76 23,77 24,20 24,20 25,102 24,20 25,102 25,102 24,20 25,102 25,102 25,102 25,102 26,102 27,10	7.60 103,000 8.39 (28,647) (4) 23 122 0.777/4.60 460/3/60 58 6,700 164 (255 with option) 295 540 620 732 561/8 x 51-3/16 x 30-1/ 22 Ton REY0264PBYD 2x REM036PBYD + 1x REM072PBYD 251,000 22.21 283,000 (4) 23 - 122 0.777/4.60 420/3/60	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24TON REYQ288/PBYD- 1x REMQ32PBYD- 1x REMQ32PBYD- 1x REMQ32PBYD- 1x REMQ32PBYD- 1x REMQ32PBYD- 1x REMQ32PBYD- 274,000 25,55 (90,653) (-4) 23 - 122 0 - 77 / 74 - 60 460/3/60	138,000 10.07 154,000 12,54 (42,816) (4) 22 122 0 - 77 1.4 - 60 60 6,5350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 463 + 463 463 + 463 463 + 463 227,000 28,83 334,000 29,40 (100,384) (-4) 23 - 122 0 - 77 1.4 - 60 460/360	1x REM072P8YD 160,000 13.91 180,000 15.07 (51,455) (4) 23 - 122 0 - 77.1 - 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5) 28 Ton REY0336P8YD 2x REM0120P8YD + 1x REM096P8YD 320,000 31.37 360,000 31.37 360,000 32.97 (112,73) (-4) 23 - 122 0 - 77.74 - 60 460/3/60	184,000 16.73 206,000 17.76 (60,640) (-4) 23 122 0 - 77 / -4.60 460/360 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573	1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Keating (DBWH) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Utal Pipe Length Weight Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Langu Power Derating Range - Cooling (DB) Operating Range - Cooling (DB) Operating Range - Cooling (DB)	kW Btu/h kW (Btu/h) °F °F VPPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. hbs. in. Btu/h kW kW (Btu/h) kW (Btu/h) °F °F °F °F	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option), 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23,76 (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 154 (295 with option) 295 540 620 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 23,280 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 251,000 22.21 233,000 25.13 (85,804) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77.1 -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REV0288PBYD 1x REM0120PBYD + 1x REM0369BYD+ 1x REM0369BYD- 1x REM0369BYD- 1x REM0369BYD- 1x REM0369BYD- 1x REM0369BYD- 1274,000 25,61 308,000 26,55 (90,653) (-4) 23 - 122 0 - 77.7 - 4 - 60 460/3/60 63	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 154 (255 with option) 295 540 620 3,280 463 + 463 26 Ton REYQ312PBYD 2x REMQ36PBYD + 1x REMQ120PBYD 297,000 28.83 334,000 294.0 (100,384) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 64	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 2955 40 620 3,280 573 + 463 (66-1/8 x 36-5 28 TON REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD 320.000 31.37 360,000 32.97 (112,573) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 64	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 777.4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30 - 1/8) x 2	1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Keating (DBWB) Power Sound Pressure Level @31t Airflow Vertical Pipe Length - Jabove Vertical Pipe Length - Jabove Vertical Pipe Length - Length - Unit Rated Pipe Length Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Power Sound Pressure Level @31t Airflow	kW Btu/h kW (Btu/h) °F °F vPh/Hz dB(A) cfm cfm ft. kW Btu/h kW Btu/h kW gt/starter gt/starter <	5.00 77,000 5.94 (20,281) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 25 - 25 - 25 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23.54 (80,375) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63 7,060 + 7,060	7.60 103.000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 732 56-1/8 x 51-3/16 x 30-1/ 22 TON REYQ264PBYD 2 x REMQ96PBYD + 1 x REMQ72PBYD 2 x REMQ96PBYD + 1 x REMQ72PBYD 2 x 100 2 x 13(5,804) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 + 6,530	129,000 11,12 (37,968) (-4) 23 - 122 0 - 77 / 4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REY0288PBYD 1x REM0[20PBYD + 1x REM0[20	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 154 (295 with option) 154 (295 with option) 2,28 with option 2,28 with option 2,29 with option 2,20 with option 2	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (.4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5; 28 Ton REYQ336PBYD 2x REMQ120P8YD + 1x REMQ96PBYD 320,000 32.97 (112,573) (.4) 23 - 122 0 - 771 / 4 - 60 460/3/60 64 7,060 + 7,060 + 6,530	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Rated Heating Input Power Operating Range - Keating (DBW) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - Bove Vertical Pipe Length - Bove Vertical Pipe Length - Bove Actual Pipe Length Equivalent Pipe Length Dimensions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Input Power Rated Heating Input Power Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Heating (DBWB) Power Power	kW Btu/h kW (Btu/h) °F °F rft_ ft_ ft_ <td>5.00 77,000 5.94 (20,281) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 2x REMQ120PBYD 2x REMQ120PBYD 23,76 257,000 23,54 (80,375) (-4) 23 122 0 - 77 / -4 - 60 63 7,060 + 7,060</td> <td>7.60 103,000 8.39 (28.647) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REVQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 251,000 22.21 283,000 25.13 (85.804) (-4) 23 - 122 0 - 77 / 4 - 6 (350 164 (255 with option) 164 (255 with option)</td> <td>129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24TON 1x REMQ3CPBYD- 1x REMQ3CPBYD- 1x</td> <td>138,000 10.07 154,000 12,54 (42,816) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 463 + 463 227,000 28,83 34,000 29,40 (100,384) (-4) 23 122 0 - 77 / -4 - 60 64 7,060 + 6,530 + 6,530</td> <td>1x REM072P8YD 160,000 13,91 180,000 15,07 (51,455) (4) 23 - 122 0 - 77,1-4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 573 + 463 (66-1/8 x 36-5 28 Ton REY0336P8YD 2x REM0120P8YD + 1x REM096P8YD 320,000 31.37 360,000 32.97 (112,573) (4) 23 - 122 0 - 77,1-4 - 60 64 7,060 + 6,530</td> <td>184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2</td> <td>1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620</td>	5.00 77,000 5.94 (20,281) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 2x REMQ120PBYD 2x REMQ120PBYD 23,76 257,000 23,54 (80,375) (-4) 23 122 0 - 77 / -4 - 60 63 7,060 + 7,060	7.60 103,000 8.39 (28.647) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REVQ264PBYD 2x REMQ96PBYD + 1x REMQ72PBYD 251,000 22.21 283,000 25.13 (85.804) (-4) 23 - 122 0 - 77 / 4 - 6 (350 164 (255 with option) 164 (255 with option)	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24TON 1x REMQ3CPBYD- 1x	138,000 10.07 154,000 12,54 (42,816) (-4) 23 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 463 + 463 227,000 28,83 34,000 29,40 (100,384) (-4) 23 122 0 - 77 / -4 - 60 64 7,060 + 6,530 + 6,530	1x REM072P8YD 160,000 13,91 180,000 15,07 (51,455) (4) 23 - 122 0 - 77,1-4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 573 + 463 (66-1/8 x 36-5 28 Ton REY0336P8YD 2x REM0120P8YD + 1x REM096P8YD 320,000 31.37 360,000 32.97 (112,573) (4) 23 - 122 0 - 77,1-4 - 60 64 7,060 + 6,530	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance	Rated Cooling Capacity Rated Cooling Input Power Rated Heating (Input Power Rated Heating (Input Power Operating Range - Cooling (08) Operating Range - Heating (08/W8) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - below Actual Pipe Length - below Actual Pipe Length Diversion (Input Power Equivalent Pipe Length Diversions (IH x W x D) Name Combination Rated Cooling Capacity Rated Heating Lingut Power Sound Pressure Level @3ft Airflow	kW Btu/h kW (Btu/h) °F °F V/Ph/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. kW bs. in. Btu/h kW Btu/h kW (Btu/h) °F °F °F °F °F ft. ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 122 0 - 77 / 4 - 60 460/3/60 164 (295 with option) 295 540 620 3,280 (20 Ton REYQ240PBYD 240,000 23,76 257,000 23,54 (80,375) (-4) 23 - 122 0 - 77 / 4 - 60 (-20) 3,280 (-20) 23,76 257,000 23,576 (-20) 23,76 257,000 23,54 (80,375) (-4) 23 - 122 0 - 77 / 4 - 60 (-4) 23 - 122 0 - 77 / -4 - 60 (-4) 23 - 122 0 - 70 / -4 - 70 / -	7.60 103,000 8.39 (28,647) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 58 6,700 164 (255 with option) 295 540 620 732 3280 732 36-1/8 x 51-3/16 x 30-1/ 2 X FEMQ5CPBYD + 1x REMQ72PBYD 251,000 22.21 283,000 25.13 (85,804) (-4) 23 - 122 0 -77 / 4 - 60 62 6,530 + 6,530 + 6,530 164 (255 with option) 295 540	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (255 with option) 295 540 620 3,280 8 24Ton REY0288PBYD 1x REM0120PBYD + 1x REM072PBYD 1x REM072PBYD 1x REM072PBYD 274,000 25,51 (90,653) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63 7,060 + 6,530 + 6,350 164 (295 with option) 255 540	138,000 10.07 154,000 12,54 (42,816) (4) 22 122 0 - 77 / -4 - 60 60 6,530 + 6,350 164 (295 with option) 295 540 620 3,280 463 + 463 463 + 463 463 + 463 463 + 463 463 + 463 227,000 28,83 334,000 29,40 (100,384) (-4) 23 - 122 0 - 77 / -4 - 6,530 29,40 (100,384) (-4) 23 - 122 0 - 77 / -4 - 6,530 164 (295 with option) 295 540	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (-4) 23 - 122 0 - 771 - 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5; 28 Ton REV0336P8YD 32,000 31.37 360,000 31.37 360,000 31.37 360,000 440/3/60 64 7,060 + 6,530 164 (295 with option) 295 540	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19.07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Querating Range - Cooling (DB) Operating Range - Keating (DBW) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - below Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Dimensions (H x W x D) Dimensions (H x W x D) Dimensions (H x W x D) Rated Cooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Heating Input Power Operating Range - Heating (DBWB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length - below	kW Btu/h kW (Btu/h) °F VPh/H2 dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23,76 257,000 23,54 (80,375) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63 7,060 + 7,060	7.60 103,000 8.39 (28,647) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 154 (295 with option). 295 540 620 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 23,280 732 56-1/8 x 51-3/16 x 30-1/ 22 Ton REYQ264PBYD 251,000 22,21 233,000 25,13 (85,804) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 + 6,350 164 (295 with option) 295 540 620	129,000 11.12 (37,968) (-(4) 23 - 122 0 - 77, -14 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REV0288P8yD 1x REM0[20P8YD + 1x REM0[2	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 154 (255 with option) 295 540 620 3,280 463 + 463 26 Ton REYQ312PBYD 2x REMQ36PBYD + 1x REMQ120PBYD 297,000 28.83 334,000 294,0 (100,384) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 64 7,060 + 6,530 + 6,530 164 (295 with option) 295 540 620	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 61 6,550 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5 28 TON REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD 320.000 31.37 360.000 32.97 (112,573) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 64 7,060 + 7,060 + 6,530 164 (295 with option) 295 540	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19.07 231,000 20.52 (70.064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance Fan Refrigerant Piping	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Capacity Rated Heating Capacity Rated Heating Input Power Operating Range - Cooling (DB) Operating Range - Keating (DBWB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - Bobve Vertical Pipe Length - Bobve Vertical Pipe Length - Bobve Vertical Pipe Length - Itolar Pipe Length Diversions (H x W x D) Name Combination Rated Cooling Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Rated Heating Capacity Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Yertical Pipe Length - above Yertical Pipe Length - below Actual Pipe Length - below Actual Pipe Length - below Actual Pipe Length - below	kW Btu/h kW (Btu/h) °F °F VPh/Hz dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 25 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23.54 (80,375) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63 7,060 + 7,060 164 (295 with option) 295 540 620 3,280	7.60 103.000 8.39 (28,647) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 732 766-1/8 x51-3/16 x 30-1/ 22 Ton REYQ264PBYD 4 1x REMQ72PBYD 4 1x REMQ72PBYD 4 1x REMQ72PBYD 2 283,000 25.13 (85,804) (-4) 23 - 122 62 6,530 + 6,530 + 6,530 164 (295 with option) 295 540 620 3,280	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option) 295 540 620 3,280 8 24Ton REY0288/P8YD 1x REM0/20P8YD + 1x REM0/	138.000 10.07 154.000 12.54 (42.816) (4) 23 122 0 - 77 / -4 - 60 460/3/60 60 6,350 + 6,350 164 (255 with option) 295 540 620 3,280 287.000 28.83 334.000 29.50 164 (25 with option) 297.000 28.83 334.000 46.32 + 46.3 164 (25 with option) 297.000 28.83 334.000 46.32 + 122 0 - 77 / -4 - 6,530 164 (255 with option) 295 540 620 3,280	1x REM072P8YD 160,000 13,91 180,000 15.07 (51,455) (.4) 23 - 122 0 - 771 / 4 - 60 460/3/60 61 6,350 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5; 28 Ton REYQ336PBYD 2x REMQ120PBYD + 1x REM096PBYD 32.07 (12,573) 3(.4) 23 - 122 0 - 771 / 4 - 60 460/3/60 64 7,060 + 7,060 + 6,530 164 (295 with option) 295 540 620 3,280	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19,07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620
Fan Refrigerant Piping Unit Model Performance Fan	Rated Cooling Capacity Rated Cooling Input Power Rated Heating Input Power Querating Range - Cooling (DB) Operating Range - Keating (DBW) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - below Vertical Pipe Length - below Actual Pipe Length Equivalent Pipe Length Dimensions (H x W x D) Dimensions (H x W x D) Dimensions (H x W x D) Rated Cooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Acooling Capacity Rated Heating Input Power Operating Range - Heating (DBWB) Power Sound Pressure Level @3ft Airflow Vertical Pipe Length - above Vertical Pipe Length - above Vertical Pipe Length - below Actual Pipe Length - below	kW Btu/h kW (Btu/h) °F VPh/H2 dB(A) cfm ft. ft. ft. ft. ft. ft. ft. ft. ft. ft.	5.00 77,000 5.94 (20,281) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 58 6,700 164 (295 with option) 295 540 620 3,280 20 Ton REYQ240PBYD 2x REMQ120PBYD 240,000 23,76 257,000 23,54 (80,375) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 63 7,060 + 7,060	7.60 103,000 8.39 (28.647) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 58 6,700 164 (295 with option), 295 540 620 732 561/8 x 51-3/16 x 30-1/ 22 Ton REYQ264P8PD 2x REMQ96P8PD + 1x REMQ72P8VD 251,000 22.21 0 - 77 / 4 - 60 6,530 + 6,530 + 6,530 164 (295 with option) 295 540 540 540 540 540 540 540 54	129,000 11.12 (37,968) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 60 7,410 164 (295 with option). 295 540 620 3,280 8 24Ton 1x REM(3/20P8YD + 1x REM(3/20	138,000 10.07 154,000 12,54 (42,816) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 60 6,350 + 6,350 154 (255 with option) 295 540 620 3,280 463 + 463 26 Ton REYQ312PBYD 2x REMQ36PBYD + 1x REMQ120PBYD 297,000 28.83 334,000 294,0 (100,384) (-4) 23 - 122 0 - 77/-4 - 60 460/3/60 64 7,060 + 6,530 + 6,530 164 (295 with option) 295 540 620	1x REM072P8YD 160 000 13.91 180.000 15.07 (51.455) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 61 6,550 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 463 (66-1/8 x 36-5 28 TON REYQ336PBYD 2x REMQ120PBYD + 1x REMQ96PBYD 320.000 31.37 360.000 32.97 (112,573) (4) 23 - 122 0 - 77 / 4 - 60 460/3/60 64 7,060 + 7,060 + 6,530 164 (295 with option) 295 540	184,000 16.73 206,000 17.76 (60,640) (-(4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 6,530 + 6,530 164 (295 with option) 295 540 620 3,280 573 + 573 8 x 30-1/8) x 2	1x REM096PBYD 206,000 19,07 231,000 20.52 (70,064) (-4) 23 - 122 0 - 77 / -4 - 60 460/3/60 62 7,060 + 6,530 164 (295 with option) 295 540 620

For all equipment installation and application limitations please refer to the specific Engineering Data Books.



REYQ72/96/120PBYD REYQ144/168/192/216/240PBYD

REYQ264/288/312/336PBYD



VRVIII PB Series Certified Efficiency Data AHRI CERTIFIED.

With this new efficiency data, Daikin's VRV system has been validated as one of the most efficient heating and air conditioning systems available in the North American market, as well as the overall efficiency leader in the VRF category.



Type	tion	6	Nominal	Individu	al Condensing Un	it Model			Part Load								Full L				
System Type	Function	System Name	Capacity	Unit 1	Unit 2	Unit 3	IEER Ducted	IEER Ductless	IEER Mixed	SCHE Ducted	SCHE Ductless	SCHE Mixed	EER Ducted	EER Ductless	EER Mixed	COP@47F Ducted	COP@47F Ductless	COP@47F Mixed	COP@17F Ducted	COP@17F Ductless	COP@17F Mixed
		RXYQ72PBYD	6-Ton	RXYQ72PBYD			19.0	21.0	20.00				12.8	14.1	13.45	3.71	4.00	3.86	2.40	2.65	2.53
		RXYQ96PBYD	8-Ton	RXYQ96PBYD			17.0	19.5	18.25				12.5	13.5	13.00	3.65	4.20	3.93	2.50	2.85	2.68
		RXYQ120PBYD	10-Ton	RXYQ120PBYD			17.0	18.0	17.50				11.9	12.5	12.20	3.63	3.80	3.72	2.50	2.65	2.58
		RXYQ144PBYD	12-Ton	RXYQ72PBYD	RXYQ72PBYD		19.0	20.0	19.50				12.7	14.0	13.35	3.70	3.90	3.80	2.45	2.55	2.50
		RXYQ168PBYD	14-Ton	RXYQ96PBYD	RXYQ72PBYD		18.5	19.0	18.75				12.7	12.4	12.25	3.70	3.95	3.83	2.45	2.65	2.55
		RXYQ192PBYD	16-Ton	RXYQ120PBYD			17.5	19.0	17.75				<u> </u>	12.4	12.25	3.55	3.70	3.63	2.45	2.05	2.55
	Heat Pump				RXYQ72PBYD								11.8								
	eat l	RXYQ216PBYD	18-Ton	RXYQ120PBYD	RXYQ96PBYD		16.5	17.5	17.00				11.7	11.6	11.65	3.60	3.80	3.70	2.45	2.60	2.53
	1	RXYQ240PBYD	20-Ton	RXYQ120PBYD	RXYQ120PBYD		16.0	16.0	16.00				11.6	11.5	11.55	3.50	3.60	3.55	2.35	2.55	2.45
		RXYQ264PBYD	22-Ton	RXYQ96PBYD	RXYQ96PBYD	RXYQ72PBYD	17.5	19.0	18.25				11.7	11.3	11.50	3.50	3.50	3.50	2.30	2.45	2.38
		RXYQ288PBYD	24-Ton	RXYQ120PBYD	RXYQ96PBYD	RXYQ72PBYD	17.0	18.5	17.75				10.5	11.5	11.00	3.45	3.50	3.48	2.45	2.45	2.45
		RXYQ312PBYD	26-Ton	RXYQ120PBYD	RXYQ120PBYD	RXYQ72PBYD	16.5	16.5	16.50				11.5	10.7	11.12	3.30	3.30	3.30	2.35	2.35	2.35
60		RXYQ336PBYD	28-Ton	RXYQ120PBYD	RXYQ120PBYD	RXYQ96PBYD	16.0	15.0	15.50				10.7	10.8	10.75	3.45	3.45	3.45	2.35	2.35	2.35
VRV III 460V		RXYQ360PBYD	30-Ton	RXYQ120PBYD	RXYQ120PBYD	RXYQ120PBYD	15.0	15.0	15.00				10.8	9.8	10.30	3.20	3.45	3.33	2.30	2.40	2.35
¥		REYQ72PBYD	6-Ton	REYQ72PBYD			20.0	22.0	21.00	18.0	21.1	19.55	13.8	15.4	14.60	3.80	4.20	4.00	2.60	2.95	2.78
		REYQ96PBYD	8-Ton	REYQ96PBYD			17.5	20.5	19.00	15.4	20.0	17.70	12.1	13.2	12.65	3.60	3.70	3.65	2.65	2.70	2.68
		REYQ120PBYD	10-Ton	REYQ120PBYD			16.0	19.0	17.50	15.3	19.6	17.45	11.3	12.1	11.70	3.40	3.60	3.50	2.35	2.60	2.48
		REYQ144PBYD	12-Ton	REMQ72PBYD	REMQ72PBYD		18.0	20.0	19.00	16.0	19.8	17.90	13.7	13.8	13.75	3.60	3.80	3.70	2.40	2.55	2.48
		REYQ168PBYD	14-Ton	REMQ96PBYD	REMQ72PBYD		17.5	18.5	18.00	16.2	19.0	17.60	11.5	12.0	11.75	3.50	3.70	3.60	2.35	2.50	2.43
	Recovery	REYQ192PBYD	16-Ton	REMQ96PBYD	REMQ96PBYD		16.0	17.5	16.75	15.5	18.8	17.15	11.0	11.2	11.10	3.40	3.40	3.40	2.30	2.50	2.40
	t Rec	REYQ216PBYD	18-Ton	REMQ120PBYD	REMQ96PBYD		15.5	16.5	16.00	15.0	17.9	16.45	10.8	10.7	10.75	3.30	3.50	3.40	2.30	2.40	2.35
	Heat	REYQ240PBYD	20-Ton	REMQ120PBYD	REMQ120PBYD		15.0	16.0	15.50	14.8	17.5	16.15	10.0	10.7	10.75	3.20	3.33	3.27	2.35	2.40	2.38
						DEMOZODRVD															
		REYQ264PBYD	22-Ton	REMQ96PBYD	REMQ96PBYD	REMQ72PBYD	16.5	17.5	17.00	15.9	19.8	17.85	11.3	10.8	11.05	3.30	3.40	3.35	2.30	2.40	2.35
		REYQ288PBYD	24-Ton	REMQ120PBYD	REMQ96PBYD	REMQ72PBYD	16.0	17.0	16.50	15.8	18.9	17.35	10.7	10.7	10.70	3.40	3.35	3.38	2.35	2.40	2.38
		REYQ312PBYD	26-Ton	REMQ120PBYD	REMQ96PBYD	REMQ96PBYD	15.5	16.0	15.75	15.4	18.9	17.15	10.3	10.2	10.25	3.33	3.23	3.28	2.25	2.25	2.25
		REYQ336PBYD	28-Ton	REMQ120PBYD	REMQ120PBYD	REMQ96PBYD	15.0	15.0	15.00	14.9	18.3	16.60	10.2	10.2	10.20	3.20	3.23	3.22	2.20	2.30	2.25
		RXYQ72PBTJ	6-Ton	RXYQ72PBTJ			19.0	21.0	20.00				12.8	14.1	13.45	3.71	4.00	3.86	2.40	2.65	2.53
		RXYQ96PBTJ	8-Ton	RXYQ96PBTJ			17.0	19.5	18.25				12.5	13.5	13.00	3.65	4.20	3.93	2.50	2.85	2.68
		RXYQ120PBTJ	10-Ton	RXYQ120PBTJ			17.0	18.0	17.50				11.9	12.5	12.20	3.63	3.80	3.72	2.50	2.65	2.58
		RXYQ144PBTJ	12-Ton	RXYQ144PBTJ			16.0	17.0	16.50				11.3	11.3	11.30	3.40	3.60	3.50	2.45	2.55	2.50
		RXYQ168PBTJ	14-Ton	RXYQ96PBTJ	RXYQ72PBTJ		18.5	19.0	18.75				12.1	12.4	12.25	3.70	3.95	3.83	2.45	2.65	2.55
	d	RXYQ192PBTJ	16-Ton	RXYQ120PBTJ	RXYQ72PBTJ		17.5	18.0	17.75				11.8	11.7	11.75	3.55	3.70	3.63	2.45	2.55	2.50
	Heat Pump	RXYQ216PBTJ	18-Ton	RXYQ120PBTJ	RXYQ96PBTJ		16.5	17.5	17.00	ĺ			11.7	11.6	11.65	3.60	3.80	3.70	2.45	2.60	2.53
	Hea	RXYQ240PBTJ	20-Ton	RXYQ120PBTJ	RXYQ120PBTJ		16.0	16.0	16.00				11.6	11.5	11.55	3.50	3.60	3.55	2.35	2.55	2.45
		RXYQ264PBTJ	22-Ton	RXYQ96PBTJ	RXYQ96PBTJ	RXYQ72PBTJ	17.5	19.0	18.25				11.7	11.3	11.50	3.50	3.50	3.50	2.30	2.45	2.38
		RXYQ288PBTJ	24-Ton	RXYQ120PBTJ	RXYQ96PBTJ	RXYQ72PBTJ	17.0	18.5	17.75				10.5	11.5	11.00	3.45	3.50	3.48	2.45	2.45	2.45
		RXYQ312PBTJ	26-Ton	RXYQ120PBTJ	RXYO120PBTJ	RXYQ72PBTJ	16.5	16.5	16.50				11.5	10.7	11.10	3.30	3.30	3.30	2.35	2.35	2.35
30V		RXYQ336PBTJ	28-Ton	RXYQ120PBTJ	RXYQ120PBTJ	RXYQ96PBTJ	16.0	15.0	15.50				10.7	10.8	10.75	3.45	3.45	3.45	2.35	2.35	2.35
III 208/230		RXYQ360PBTJ	30-Ton	RXYQ120PBTJ	RXYQ120PBTJ	RXYQ120PBTJ	15.0	15.0	15.00				10.7	9.8	10.30	3.20	3.45	3.33	2.30	2.40	2.35
/ ≡ 2	\vdash	REYQ72PTJU	6-Ton	REYQ72PBTJ			20.0		21.00	18.0	21.1	19.55	13.8	15.4	14.60	3.80	4.20	4.00	2.60	2.40	2.33
VRV									19.00												
		REYQ96PTJU	8-Ton	REYQ96PBTJ			17.5	20.5			20.0	17.70	12.1	13.2	12.65	3.60	3.70	3.65	2.65	2.70	2.68
		REYQ120PTJU	10-Ton	REYQ120PBTJ			16.0		17.50		19.6	17.45	11.3		11.70	3.40	3.60	3.50	2.35	2.60	2.48
		REYQ144PBTJ	12-Ton	REYQ144PBTJ			16.0	17.0	16.50		19.8	17.90	10.4	10.9	11.90	3.40	3.60	3.50	2.40	2.55	2.48
	/ery	REYQ168PBTJ	14-Ton	REMQ96PBTJ	REMQ72PBTJ		17.5	18.5	18.00		19.0	17.60	11.5		11.75	3.50	3.70	3.60	2.35	2.50	2.43
	Heat Recovery	REYQ192PBTJ	16-Ton	REMQ96PBTJ	REMQ96PBTJ		16.0	17.5	16.75		18.8	17.15	11.0		11.10	3.40	3.40	3.40	2.30	2.50	2.40
	eat F	REYQ216PBTJ	18-Ton	REMQ120PBTJ	REMQ96PBTJ		15.5	16.5	16.00	_	17.9	16.45	10.8	10.7	10.75	3.30	3.50	3.40	2.30	2.40	2.35
	-	REYQ240PBTJ	20-Ton	REMQ120PBTJ	REMQ120PBTJ		15.0	16.0	15.50	14.8	17.5	16.15	10.1	10.1	10.10	3.20	3.33	3.27	2.35	2.40	2.38
		REYQ264PBTJ	22-Ton	REMQ96PBTJ	REMQ96PBTJ	REMQ72PBTJ	16.5	17.5	17.00	15.9	19.8	17.85	11.3	10.8	11.05	3.30	3.40	3.35	2.30	2.40	2.35
		REYQ288PBTJ	24-Ton	REMQ120PBTJ	REMQ96PBTJ	REMQ72PBTJ	16.0	17.0	16.50	15.8	18.9	17.35	10.7	10.7	10.70	3.40	3.35	3.38	2.35	2.40	2.38
		REYQ312PBTJ	26-Ton	REMQ120PBTJ	REMQ96PBTJ	REMQ96PBTJ	15.5	16.0	15.75	15.4	18.9	17.15	10.3	10.2	10.25	3.33	3.23	3.28	2.25	2.25	2.25
		REYQ336PBTJ	28-Ton	REMQ120PBTJ	REMQ120PBTJ	REMQ96PBTJ	15.0	15.0	15.00	14.9	18.3	16.60	10.2	10.2	10.20	3.20	3.23	3.22	2.20	2.30	2.25
	-	Cortified officien	cu data in a	cordonco with ANCI/	AUDI Standard 1220	2010, "Performance Rat												/III DD Carles h		ليستغيبه استنبا	

Certified efficiency data in accordance with ANSI/AHRI Standard 1230-2010, "Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment" for the VRVIII PB Series. The VRVIII PB Series has been designed and optimized to meet/or exceed the latest minimum efficiency requirements in 10 C.F.R. Part 431 as determined by the U.S. Department of Energy (DOE) and baseline efficiencies as defined by ASHRAE 90.1- 2010. Systems sized 55-300/MBH are certified to ANSI/AHRI 1230-2010. Systems above 300/MBH are readed to ANSI/AHRI 1230-2010. Systems under 65/MBH are currently certified to AHRI 2012/40. EER and COP ratings for the Daikin's VRVIII PB series are subject to the United States Department of Energy (DOE) waiver sized in Mashington, D.C. and published in the Federal Register / Vol. 76, No. 114 / Tuesday, June 14, 2011 / 34,685. IEER ratings are as defined in ASHRAE 90.1-2010.

Please visit www.daikinperforms.com for our efficiency ratings as well as an explanation of the standard and various metrics involved.

VRVIII Installation Space

Figure 1

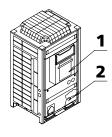
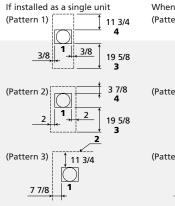
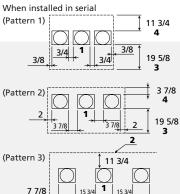


Figure 2





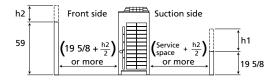
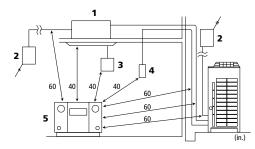


Figure 3



20

For detailed instructions please refer to proper Installation Manual

Standard supplied accessories

Confirm the following accessories are included. The storage location of the accessories is shown in figure 1. (Refer to figure 1)

- 1. Clamps, Manuals, etc.
- 2. Accessory pipes

Installation Space Examples

- The installation space requirement shown in figure 2 is a reference for cooling.
- During installation, install the units using the most appropriate of the patterns shown in figure 2 for the location in question, taking into consideration human traffic and wind.
- If the number of units installed is more than that shown in the pattern in figure 2, install the units that there is no air short cuircuting.
- As regards to space in front of the unit, consider the space needed for the refrigerant piping when installing the units, as determined by local codes.
- If the space requirements in figure 2 do not apply, contact your contractor or Daikin directly. (Refer to figure 2)
 1. Front side
 - 2. No limit to wall height
 - 3. Service space of front side
 - 4. Service space of suction side

For Patterns 1 and 2 in figure 2:

- Wall height for front side no higher than 59 in.
- Wall height on the suction side no higher than 19-5/8 in.
- Wall height for sides no limit.
- If the height is exceeded the above, calculate h1 and h2 shown in the figure below, and add h2/2 to the service space of front side and h1/2 to the service space of suction side.

An inverter unit may cause electronic noise generated from AM broadcasting. Examine where to install the main unit and electric wires, keeping proper distances away from stereo equipment, personal computers, etc. Particularly for locations with weak reception, ensure there is a distance of at least 10 ft for indoor remote controllers, place power wiring and transmission wiring in conduits, and ground the conduits. (Refer to figure 3)

- 1. Indoor unit
- 2. Branch switch, overcurrent breaker
- 3. Remote controller
- 4. COOL/HEAT selector
- 5. Personal computer or radio

VRVIII Accessories

VRVIII Heat Recovery - 208-230V and 4	160V								
Unit Model Number	REYQ72PBTJ REYQ72PBYD	REYQ96PBTJ REYQ96PBYD REYQ120PBTJ REYQ120PBYD	REYQ144PBTJ REYQ144PBYD REYQ168PBTJ REYQ168PBYD	REYQ192PBTJ REYQ192PBYD REYQ216PBTJ REYQ216PBYD REYQ240PBTJ REYQ240PBYD	REYQ264PBTJ REYQ264PBYD REYQ288PBTJ REYQ288PBYD REYQ312PBTJ REYQ312PBYD REYQ336PBTJ REYQ336PBTJ				
REFNET Header	KHRP25M33H (max. 8 branches)		max. 8 branches) max. 8 branches)	KHRP25M33H (r KHRP25M72H (r KHRP25M73HU (,				
REFNET Joint	KHRP25A22T KHRP25A33T	KHRP2	25A22T 25A33T 5M72TU	KHRP2 KHRP2 KHRP25 KHRP25	5A33T M72TU				
Outdoor Unit multi piping connection kit	-		BHFP	26P90U	BHFP26P136U				
Dava de Calandara la su fan Hand Danassan			BSVQ36PVJU BSVQ60PVJU						
Branch Selector box for Heat Recovery			BSVQ96PVJU BSV4Q36PVJU BSV6Q36PVJU						
Increase height difference between indoor and outdoor unit to 295ft.	PCB REYQ_PBTJ PCB REYQ_PBYD								

VRVIII Heat Pump - 208-230V and 460\	V						
					RXYQ264PBTJ RXYQ264PBYD		
Unit Model Number	RXYQ72PBTJ RXYQ72PBYD RXYQ96PBTJ RXYQ96PBYD	RXYQ120PBTJ RXYQ120PBYD RXYQ144PBTJ RXYQ144PBYD	RXYQ168PBTJ RXYQ168PBYD	RXYQ192PBTJ RXYQ192PBYD RXYQ216PBTJ RXYQ216PBYD RXYQ240PBTJ RXYQ240PBYD	RXYQ288PBTJ RXYQ288PBYD RXYQ312PBTJ RXYQ312PBYD RXYQ336PBTJ RXYQ336PBYD RXYQ360PBTJ RXYQ360PBTJ RXYQ360PBYD		
REFNET Header	KHRP26M22H (max. 4 branches) KHRP26M33H (max. 8 branches)	KHRP26M33H (r	nax. 4 branches) nax. 8 branches) nax. 8 branches)	KHRP26M72H (r	nax. 4 branches) nax. 8 branches) nax. 8 branches) max. 8 branches)		
REFNET Joint	KHRP26A22T KHRP26A33T	KHRP26A22T KHRP26A33T			6A22T 6A33T 5M72TU 5M73TU		
Outdoor Unit multi piping connection kit	-			22P100U	BHFP22P151U		
Increase height difference between indoor and outdoor unit to 295ft.	or PCB RXYQ_PBTJ PCB RXYQ_PBYD						

BSVQ						
No.	Name of Options	BSVQ36PVJU	BSVQ60PVJU	BSVQ96PVJU	BSV4Q36PVJU	BSV6Q36PVJU
1	Cool/Heat Selector		KRC19-26A		KRC19	9-26A6
	Closed Pipe Kit		-	KHFP2	5A100C	

VRV Controls

Choosing the right controls

Unless it is controlled, managed and operated in an appropriate manner, a high-performing system will not be able to provide the energy-efficiency or comfort it claims. Promoting the systemization of control management not only improves efficiency, but also represents a number of possibilities in terms of convenience. Daikin's line up of intelligent controls gives the user the ability to address all needs in one package and one supplier: Daikin.

Daikin controls are optimized for VRV technology and offers highly scalable solutions for all applications and budgets. It also allows for lower cost alternatives to traditional energy management systems when centralized control is required.

Project Requirements	Daikin VRV Controls							
			1000 1000					
	BRC1E71 Navigation	BRC2A71 Simplified	DCS302C71 Centralized	DCS301C71 Unified	DCS601C71 Intelligent Touch	Intelligent Manager	BACnet Interface	LonWorks Interface
Simple individual zone control								
Individual zone control with 7-day programmable scheduling						0		
Multi-zone control without scheduling functions								
Basic central point on/off control of all air handling units	0							
Advanced multi-zone control of small to medium size projects								
Advanced multi-zone control of large commercial projects								
Advanced multi-zone control with scheduling logic and calender								
Automatic cooling/heating changeover for heat pump systems								
Single input batch shutdown of all connected air handlers								
Web browser control and monitoring via Intranet and Internet								
E-mail notification of system alarms and equipment malfunctions								
Multiple tenant power billing for shared condenser applications								
Temperature set-point range restrictions								
Graphical user interface based upon a PC platform								
Start/stop control of ancillary building systems1								
Daikin VRV integration with BACnet based automation systems								
Daikin VRV integration with LONWORKS based automation systems								

¹ Requires one or more DEC102A51-US2 Digital Input/Output units.

Native application or feature for this device.

Dependent upon capabilities of the third party energy management system.

ABSOLUTE COMFORT

Controls that offer freedom to administrators

Freedom to control the air-conditioning system, via the Internet, from home or any other location with a PC. Should a malfunction occur, a notification is sent by e-mail to a cell phone or PC (any e-mail address specified by the user). This gives administrators the freedom to leave the room/building where the controller is located.





DCS601C71

- 64 groups (128 indoor units) connectable (128 groups with DCS601A72)
- Management of Daikin units and ancillary equipment
- Touch screen display
- Built-in Ethernet port, Web enabled (optional)
- Alarm e-mail function

Intelligent Manager



IMP-128/256/512/768/1,024

- 1,024 indoor units
- (organized in up to 200 control groups)
- Management of Daikin units and ancillary equipment
- Operation on one master PC and one sub PC (sub PC option)
- Remote monitoring via the Web
- Alarm e-mail function

Connect VRV to your BMS via BACnet® or LONWORKS® using Daikin's integrated control system solutions.

Compatible with BACnet and LONWORKS, the two leading open network communication protocols, the interfaces offered by Daikin provides a seamless connection between VRV and your BMS.

LonWorks[®]

LONWORKS Network Compatible Interface

- Interface for LonWorks networks
- Communication via LON protocol (twisted pair wire)
- 64 units connectable per interface
- Unlimited site size
- Quick, easy installation



BACnet

BACnet Network Compatible Interface

- Interface for Building Management Systems
- Communication via BACnet protocol (BACnet/IP)
- 256 units connectable per BACnet gateway (with DAM411B51)
- Unlimited site size
- Quick, easy installation





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.











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Organization: DAIKIN INDUSTRIES, LTD. AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration: THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRICERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTUATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.



JQA-1452

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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PCVUSE12-01B

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