

Model	Indoor Unit		FDMQ12WVJU9		FDMQ18WVJU9	
	Outdoor Unit		RXL12WVMVJU9		RXL18WVMVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply			1 ϕ, 208 - 230 V, 60 Hz		1 ϕ, 208 - 230 V, 60 Hz	
Capacity Rated (Min. - Max.)		Btu/h	10,800 (6,500 - 12,400)	12,500 (6,300 - 17,000)	17,600 (9,000 - 19,600)	21,600 (9,000 - 25,000)
Running Current (Rated)		A	5.90 - 5.34	5.93 - 5.36	8.79 - 7.95	10.50 - 9.50
Power Consumption (Rated)		W	1,213 - 1,213	1,221 - 1,221	1,760 - 1,760	2,110 - 2,110
Power Factor (Rated)		%	98.8 - 98.8	99.0 - 99.0	96.3 - 96.2	96.6 - 96.6
SEER2 / HSPF2			14.60	8.90	15.20	8.50
EER2 (Rated)		Btu/h·W	8.90	—	10.00	—
COP2 (Rated)		W/W	—	3.00	—	3.00
Piping Connections	Liquid	in. (mm)	ϕ 1/4 (6.4)		ϕ 1/4 (6.4)	
	Gas	in. (mm)	ϕ 3/8 (9.5)		ϕ 1/2 (12.7)	
	Drain	in. (mm)	I.D. ϕ 1 (25) / O.D. ϕ 1-1/4 (32)		I.D. ϕ 1 (25) / O.D. ϕ 1-1/4 (32)	
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Max. Interunit Piping Length		ft (m)	65-5/8 (20)		98-1/2 (30)	
Max. Interunit Height Difference		ft (m)	49-1/4 (15)		65-5/8 (20)	
Chargeless		ft (m)	32-3/4 (10)		32-3/4 (10)	
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.21 (20)		0.32 (30)	
Indoor Unit			FDMQ12WVJU9		FDMQ18WVJU9	
Heat Exchanger	Rows × Stages, Fin per Inch		3 × 26, 18		3 × 26, 18	
	Fin Spec / Tube		Multi Slit Fin / ϕ 5 Hi-XA Tube		Multi Slit Fin / ϕ 5 Hi-XA Tube	
Airflow Rate	H / M / L	cfm	371 / 318 / 261	371 / 318 / 261	614 / 523 / 431	614 / 523 / 431
		m ³ /min	10.5 / 9.0 / 7.4	10.5 / 9.0 / 7.4	17.4 / 14.8 / 12.2	17.4 / 14.8 / 12.2
Fan Motor	H / M / L	rpm	1,089 / 930 / 771	1,089 / 930 / 771	1,023 / 870 / 717	1,023 / 870 / 717
		Motor Output	HP	0.17		0.31
Fan	Type		Sirocco Fan		Sirocco Fan	
External Static Pressure		inH ₂ O	Standard 0.20 (0.60 - 0.12)		Standard 0.20 (0.60 - 0.20)	
		Pa	Standard 50 (150 - 30)		Standard 50 (150 - 50)	
Running Current (Rated)	A	0.44 - 0.40	0.44 - 0.40	0.69 - 0.62	0.69 - 0.62	
Power Consumption (Rated)	W	89 - 89	89 - 89	131 - 131	131 - 131	
Power Factor (Rated)	%	97.0 - 97.6	97.0 - 97.6	91.2 - 92.2	91.2 - 92.2	
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	9-5/8 × 27-9/16 × 31-1/2 (245 × 700 × 800)		9-5/8 × 39-3/8 × 31-1/2 (245 × 1,000 × 800)	
Packaged Dimensions (H × W × D)		in. (mm)	11-9/16 × 35-3/8 × 34-7/8 (293 × 899 × 886)		11-9/16 × 47-3/16 × 34-7/8 (293 × 1,199 × 886)	
Weight (Mass)		lbs (kg)	64 (29)		82 (37)	
Gross Weight (Gross Mass)		lbs (kg)	71 (32)		88 (40)	
Sound Pressure Level		dB(A)	33	33	35	35
		Wired	BRC1E73		BRC1E73	
Remote Controller (Option)	Wireless	BRC082A43		BRC082A43		
Outdoor Unit			RXL12WVMVJU9		RXL18WVMVJU9	
Casing Color			Ivory White		Ivory White	
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / ϕ 7 Hi-XSL Tube		Waffle Fin (PE) / ϕ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.04		0.16	
Compressor	Type		Hermetically Sealed Swing Type		Hermetically Sealed Swing Type	
	Model		2YC36PXD		2YC63AAXD	
Refrigerant Oil	Type		FVC50K		FVC50K	
	Charge	oz (L)	21.98 (0.650)		30.43 (0.900)	
Refrigerant	Type		R-410A		R-410A	
	Charge	lbs (kg)	2.09 (0.95)		3.53 (1.60)	
Airflow Rate	cfm (m ³ /min)		1,144 (32.4)	1,031 (29.2)	2,419 (68.5)	2,362 (66.9)
Fan	Type		Propeller		Propeller	
Running Current (Rated)	A	5.46 - 4.94	5.49 - 4.96	8.10 - 7.33	9.81 - 8.88	
Power Consumption (Rated)	W	1,124 - 1,124	1,132 - 1,132	1,629 - 1,629	1,979 - 1,979	
Power Factor (Rated)	%	99.0 - 98.9	99.1 - 99.2	96.7 - 96.6	97.0 - 96.9	
Dimensions (H × W × D)		in. (mm)	21-5/8 × 26-9/16 × 11-3/16 (550 × 675 × 284)		28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Packaged Dimensions (H × W × D)		in. (mm)	23-13/16 × 31-7/16 × 14-11/16 (605 × 798 × 373)		31-7/8 × 41-9/16 × 18-1/4 (810 × 1,056 × 464)	
Weight (Mass)		lbs (kg)	73 (33)		132 (60)	
Gross Weight (Gross Mass)		lbs (kg)	78 (35)		142 (65)	
Sound Pressure Level		dB(A)	50	50	54	55
Conditions Based on	Indoor		80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)	70.0°FDB (21.1°CDB) / 60.0°FWB (15.6°CWB)	80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)	70.0°FDB (21.1°CDB) / 60.0°FWB (15.6°CWB)
	Outdoor		95.0°FDB (35.0°CDB) / 75.0°FWB (24.0°CWB)	47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)	95.0°FDB (35.0°CDB) / 75.0°FWB (24.0°CWB)	47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
	Piping Length		25 ft (7.5 m)		25 ft (7.5 m)	
Drawing No.			C: 3D143347		3D143347	
Note(s)			SL: The quiet fan level of the airflow rate setting. External static pressure is changeable in 13 (FDMQ12WVJU9), 11 (FDMQ18WVJU9) stages by remote controller. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.			

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m ³ /min × 35.3

Model	Indoor Unit		FDMQ24WVJU9	
	Outdoor Unit		RXL24WMVJU9	
			Cooling	Heating
Power Supply			1 φ, 208 - 230 V, 60 Hz	
Capacity Rated (Min. - Max.)		Btu/h	21,200 (9,000 - 23,000)	24,000 (9,000 - 27,600)
Running Current (Rated)		A	10.74 - 9.71	11.41 - 10.32
Power Consumption (Rated)		W	2,208 - 2,208	2,345 - 2,345
Power Factor (Rated)		%	98.8 - 98.9	98.8 - 98.8
SEER2 / HSPF2			15.20	8.40
EER2 (Rated)		Btu/h·W	9.60	—
COP2 (Rated)		W/W	—	3.00
Piping Connections	Liquid	in. (mm)	φ 1/4 (6.4)	
	Gas	in. (mm)	φ 5/8 (15.9)	
	Drain	in. (mm)	I.D. φ 1 (25) / O.D. φ 1-1/4 (32)	
Heat Insulation			Both Liquid and Gas Pipes	
Max. Interunit Piping Length		ft (m)	98-1/2 (30)	
Max. Interunit Height Difference		ft (m)	65-5/8 (20)	
Chargeless		ft (m)	32-3/4 (10)	
Amount of Additional Charge of Refrigerant		oz/ft (g/m)	0.32 (30)	
Indoor Unit			FDMQ24WVJU9	
Heat Exchanger	Rows × Stages, Fin per Inch		3 × 26, 18	
	Fin Spec / Tube		Multi Slit Fin / φ 5 HI-XA Tube	
Airflow Rate	H / M / L	cfm	731 / 621 / 512	731 / 621 / 512
		m³/min	20.7 / 17.6 / 14.5	20.7 / 17.6 / 14.5
Fan Motor	H / M / L	rpm	1,119 / 951 / 783	1,119 / 951 / 783
		Motor Output	HP	
Fan	Type	Sirocco Fan		
External Static Pressure	inH ₂ O		Standard 0.20 (0.60 - 0.20)	
	Pa		Standard 50 (150 - 50)	
Running Current (Rated)		A	0.82 - 0.74	0.82 - 0.74
Power Consumption (Rated)		W	167 - 167	167 - 167
Power Factor (Rated)		%	97.8 - 97.5	97.8 - 97.5
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	9-5/8 × 39-3/8 × 31-1/2 (245 × 1,000 × 800)	
Packaged Dimensions (H × W × D)		in. (mm)	11-9/16 × 47-3/16 × 34-7/8 (293 × 1,199 × 886)	
Weight (Mass)		lbs (kg)	82 (37)	
Gross Weight (Gross Mass)		lbs (kg)	88 (40)	
Sound Pressure Level		dB(A)	40	40
Remote Controller (Option)	Wired		BRC1E73	
	Wireless		BRC082A43	
Outdoor Unit			RXL24WMVJU9	
Casing Color			Ivory White	
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 HI-XSL Tube	
Fan Motor	Motor Output	HP	0.16	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		2YC63AAXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	30.43 (0.900)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	3.53 (1.60)	
Airflow Rate	cfm (m³/min)	2,419 (68.5)	2,362 (66.9)	
Fan	Type	Propeller		
Running Current (Rated)		A	9.92 - 8.97	10.59 - 9.58
Power Consumption (Rated)		W	2,041 - 2,041	2,178 - 2,178
Power Factor (Rated)		%	98.9 - 98.9	98.9 - 98.8
Dimensions (H × W × D)		in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Packaged Dimensions (H × W × D)		in. (mm)	31-7/8 × 41-9/16 × 18-1/4 (810 × 1,056 × 464)	
Weight (Mass)		lbs (kg)	132 (60)	
Gross Weight (Gross Mass)		lbs (kg)	142 (65)	
Sound Pressure Level		dB(A)	55	55
Conditions Based on	Indoor		80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)	70.0°FDB (21.1°CDB) / 60.0°FWB (15.6°CWB)
	Outdoor		95.0°FDB (35.0°CDB) / 75.0°FWB (24.0°CWB)	47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
	Piping Length		25 ft (7.5 m)	
Drawing No.			3D143347	
Note(s)			SL: The quiet fan level of the airflow rate setting. External static pressure is changeable in 11 stages by remote controller. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.	

Conversion Formulae
kcal/h = kW × 860
Btu/h = kW × 3412
cfm = m³/min × 35.3