



Submittal Data Sheet  
 0.75-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ09W2VJU9RX09WMVJU9

<b>MODEL</b>	<b>Indoor Unit</b>		<b>FFQ09W2VJU9</b>	
	<b>Outdoor Unit</b>		<b>RX09WMVJU9</b>	
			<b>Cooling</b>	<b>Heating</b>
Power Supply			1 $\phi$ , 208 - 230 V, 60 Hz	
Capacity Rated (Min. - Max.)	Btu/h	9,100 (4,600 - 11,000)	10,000 (4,600 - 14,000)	
Running Current (Rated)	A	3.94 - 3.56	3.74 - 3.38	
Power Consumption (Rated)	W	758 - 758	698 - 698	
Power Factor (Rated)	%	92.5 - 92.5	89.7 - 89.9	
SEER2 / HSPF2		19.80	9.40	
EER2 (Rated)	Btu/h·W	12.00	—	
COP2 (Rated)	W/W	—	4.20	
Piping Connections	Liquid	in. (mm)	$\phi$ 1/4 (6.4)	
	Gas	in. (mm)	$\phi$ 3/8 (9.5)	
	Drain	in. (mm)	VP20 (O.D. $\phi$ 1-1/32 (26))	
Heat Insulation		Both Liquid and Gas Pipes		
Max. Interunit Piping Length	ft (m)	65-5/8 (20)		
Max. Interunit Height Difference	ft (m)	49-1/4 (15)		
Chargeless	ft (m)	32-3/4 (10)		
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20)		
<b>Indoor Unit</b>		<b>FFQ09W2VJU9</b>		
Decoration Panel (1)	Model (Color)		BYFQ60B3W1 (White)	
	Dimensions (H $\times$ W $\times$ D)	in. (mm)	2-3/16 $\times$ 27-9/16 $\times$ 27-9/16 (55 $\times$ 700 $\times$ 700)	
	Weight (Mass)	lbs (kg)	6.0 (2.7)	
Decoration Panel (2)	Model (Color)		BYFQ60C2W1W (White) / BYFQ60C2W1S (Silver)	
	Dimensions (H $\times$ W $\times$ D)	in. (mm)	1-13/16 $\times$ 24-7/16 $\times$ 24-7/16 (46 $\times$ 620 $\times$ 620)	
	Weight (Mass)	lbs (kg)	6.2 (2.8)	
Heat Exchanger	Rows $\times$ Stages, Fin per Inch		2 $\times$ 16, 21	
	Fin Spec / Tube		Slit Fin / $\phi$ 5 Hi-XA Tube	
Airflow Rate	H / M / L	cfm	378 / 339 / 268	399 / 357 / 282
		m3/min	10.7 / 9.6 / 7.6	11.3 / 10.1 / 8.0
Fan	Type / Speed		Turbo Fan / 3 Steps	

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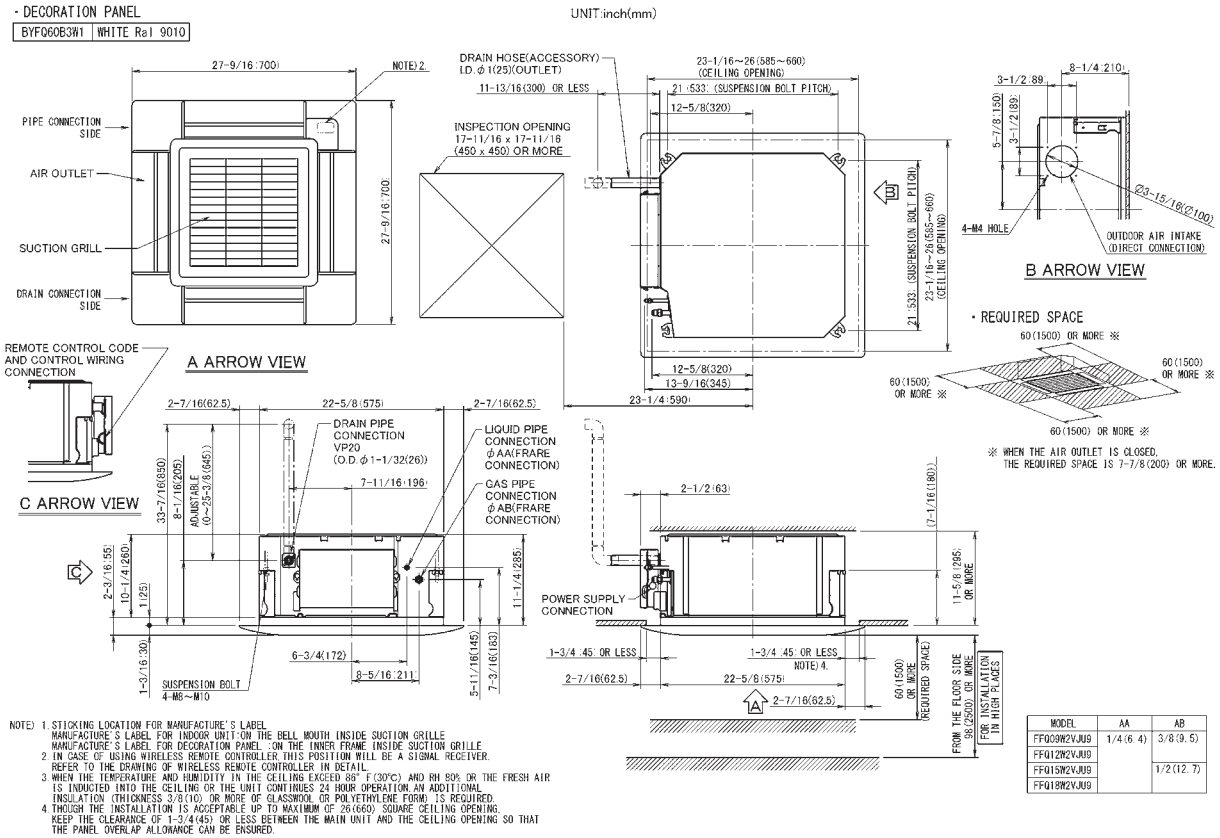
Submittal Data Sheet  
 0.75-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ09W2VJU9RX09WMVJU9

Running Current (Rated)		A	0.23 - 0.21	0.23 - 0.21
Power Consumption (Rated)		W	23 - 23	23 - 23
Power Factor (Rated)		%	48.1 - 47.6	48.1 - 47.6
Temperature Control		Microcomputer Control		
Dimensions (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	
Weight (Mass)		lbs (kg)	36 (16)	
Sound Pressure Level	H / M / L	dB(A)	38 / 35 / 29	38 / 35 / 29
Remote Controller (Option)		Wired	BRC1E73	
		Wireless	BRC082A41W / BRC082A42W / BRC082A42S	
<b>Outdoor Unit</b>		<b>RX09WMVJU9</b>		
Casing Color		Ivory White		
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.03	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		1YC23AUXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	12.68 (0.375)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	2.09 (0.95)	
Airflow Rate		cfm (m <sup>3</sup> /min)	985 (27.9)	1,144 (32.4)
Fan	Type		Propeller	
Running Current (Rated)		A	3.71 - 3.35	3.51 - 3.17
Power Consumption (Rated)		W	735 - 735	675 - 675
Power Factor (Rated)		%	95.2 - 95.4	92.5 - 92.6
Dimensions (H × W × D)		in. (mm)	21-5/8 × 26-9/16 × 11-3/16 (550 × 675 × 284)	
Weight (Mass)		lbs (kg)	63 (29)	
Sound Pressure Level		dB(A)	46	50
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)	
Note(s)		SL: The quiet fan level of the airflow rate setting.		

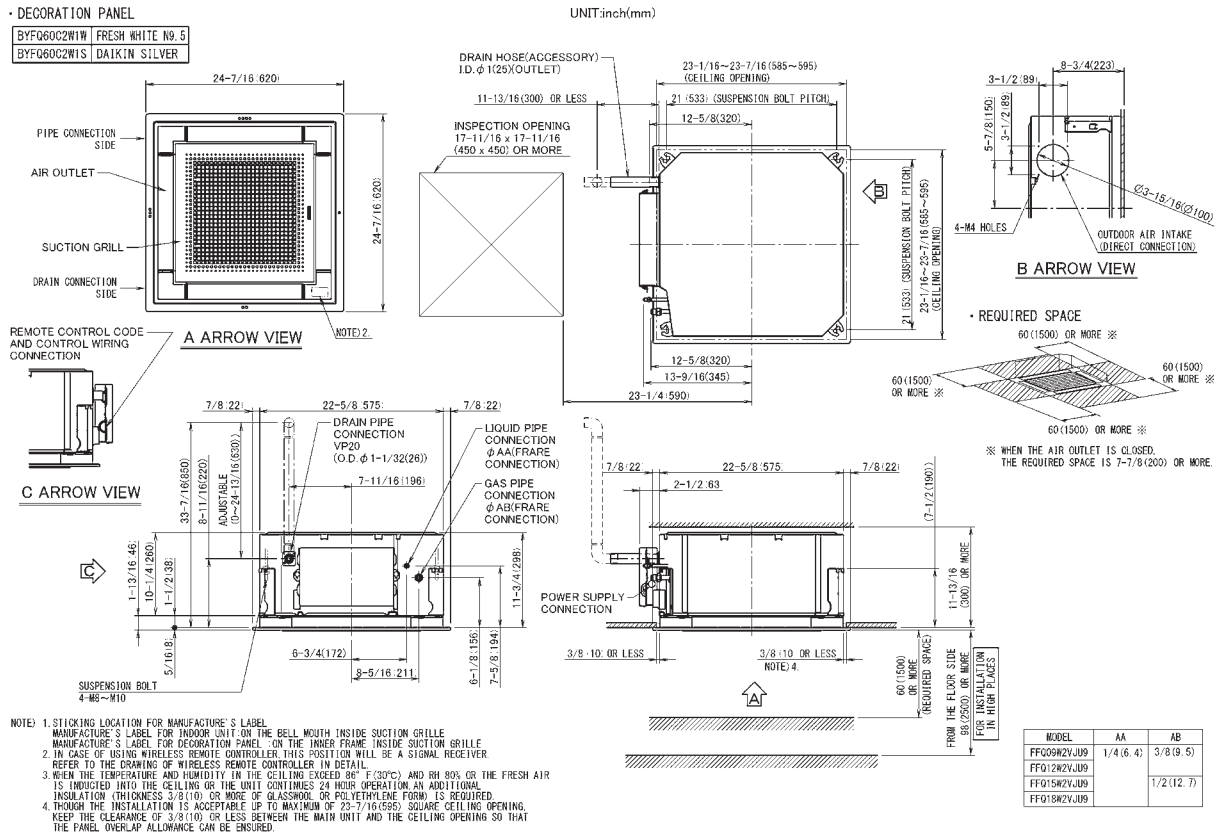
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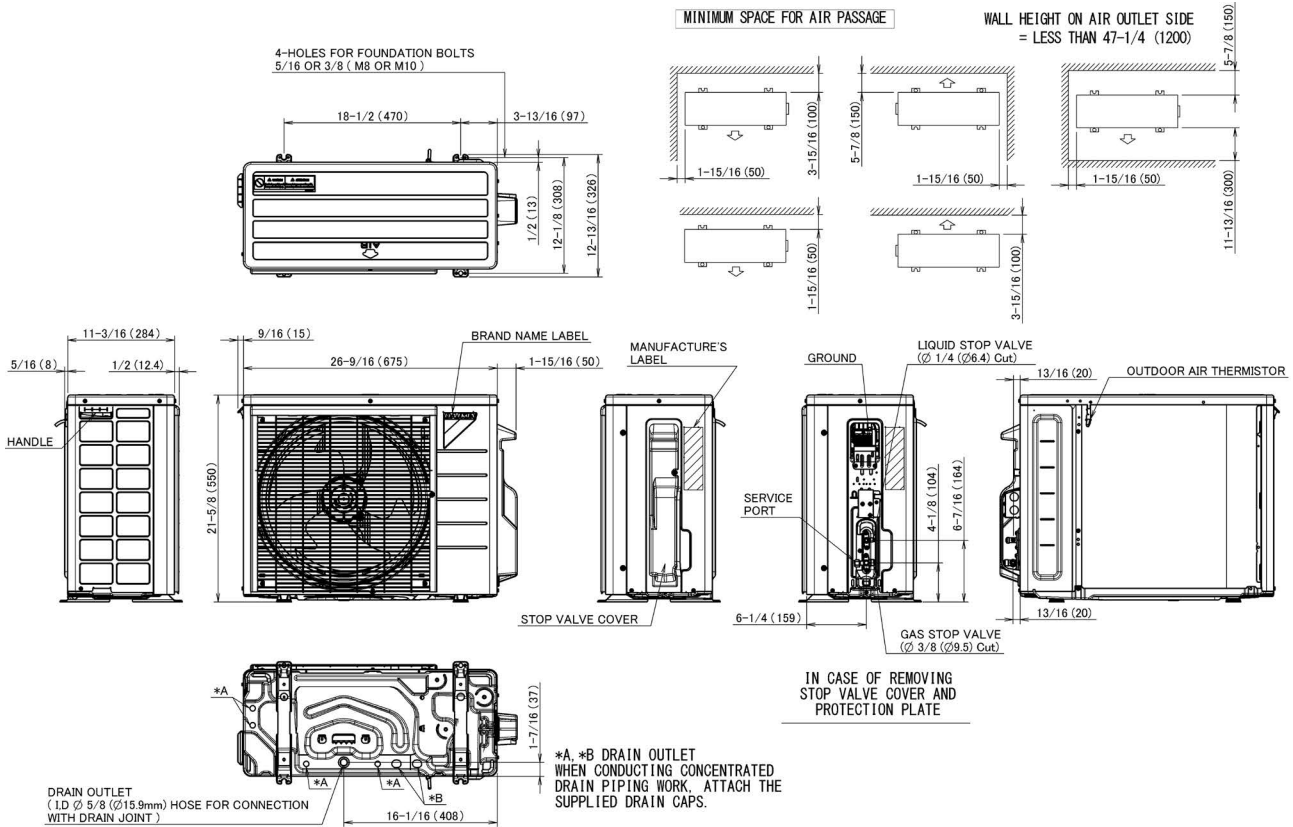
### FFQ09/12/15/18W2VJU9 with BYFQ60B3W1 (Decoration Panel)



### FFQ09/12/15/18W2VJU9 with BYFQ60C2W1W(S) (Decoration Panel)

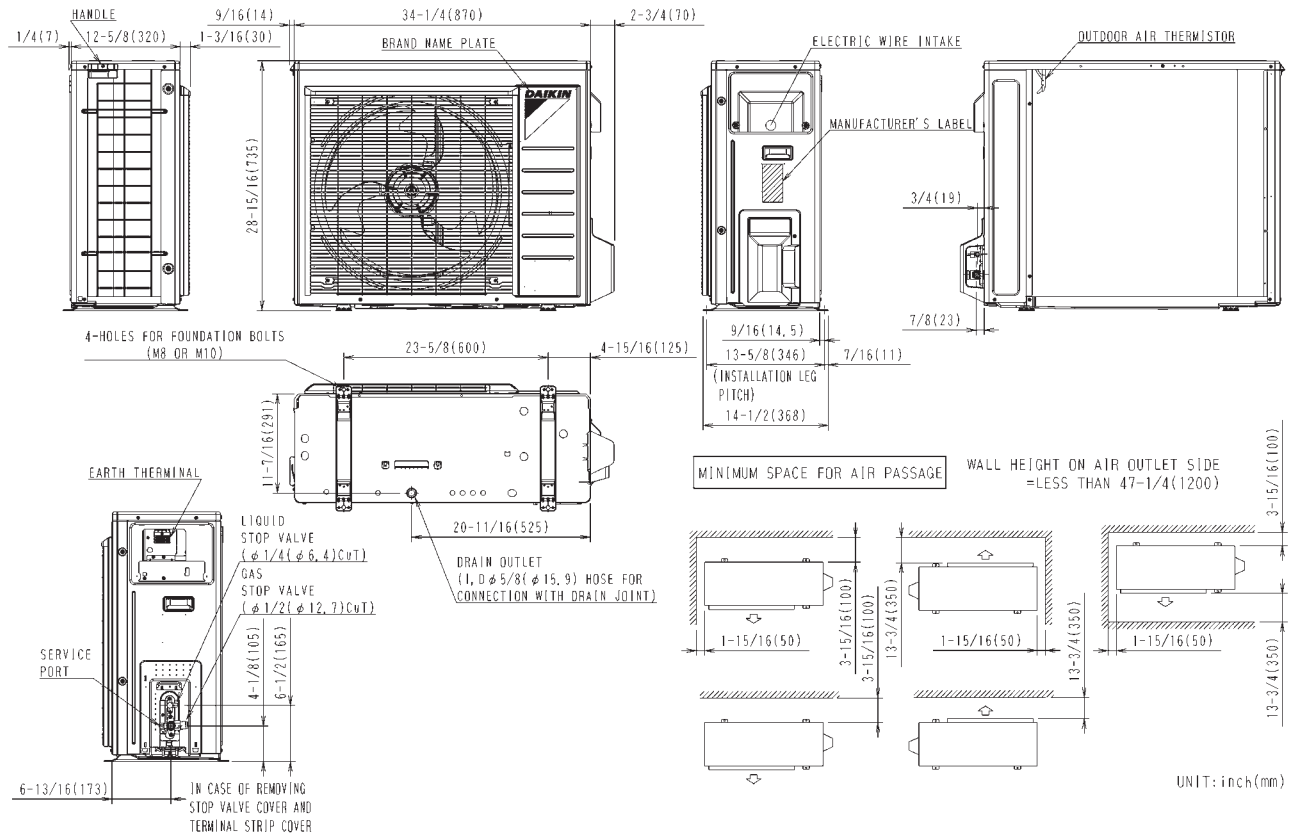


### 4.2 Outdoor Unit RX09/12WMVJU9



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### RX15/18WMVJU9



3D092224D

## 11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		RLA	Hp	W	FLA	Hp	W
FTXR09WVJUW9 FTXR09WVJUS9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.6	15	7.5	0.03	20	0.17	0.04	29	0.13
FTXR12WVJUW9 FTXR12WVJUS9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.7	15	7.5	0.03	20	0.17	0.04	29	0.19
FTXR18WVJUW9 FTXR18WVJUS9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.04	29	0.21
FDMQ09WVJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.0	15	7.5	0.03	20	0.17	0.17	130	0.49
FDMQ12WVJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.1	15	7.5	0.03	20	0.17	0.17	130	0.63
FDMQ15WVJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.6	15	8.0	0.10	75	0.47	0.31	230	0.64
FDMQ18WVJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.6	15	10.8	0.12	93	0.58	0.31	230	0.84
FDMQ24WVJU9	RX24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	13.1	20	12.0	0.12	93	0.58	0.31	230	1.10
FFQ09W2VJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ12W2VJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ15W2VJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.3	15	8.0	0.10	75	0.47	0.07	50	0.28
FFQ18W2VJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.07	50	0.28

### Symbols:

MCA	: Min. circuit amps	(A)
MFA	: Max. fuse amps	(A)
RLA	: Rated load amps	(A)
OFM	: Outdoor fan motor	
IFM	: Indoor fan motor	
FLA	: Full load amps	(A)
W / Hp	: Fan motor rated output	(W, Hp)

### Notes:

1. RLA is the max current that comes in cooling operation and heating operation.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.

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	Option Name	Model Name	
1	Remote controller (required)	Wired type *1	BRC1E73
		Wireless type *2	BRC082A42W (for BYFQ60C2W1W)
			BRC082A42S (for BYFQ60C2W1S)
			BRC082A41W (for BYFQ60B3W1)
2	Decoration panel (required)	BYFQ60C2W1W	
		BYFQ60C2W1S	
		BYFQ60B3W1	
3	Wireless LAN connection adaptor	AZAI6WSCDKA	
4	Central remote controller	DCS302C71	
5	Unified ON/OFF controller	DCS301C71	
6	Schedule timer controller	DST301BA61	
7	Remote sensor	KRCS01-4B	
8	Adaptor for wiring *3	KRP1C75	
9	Wiring adaptor for electrical appendices *3	KRP4A74	
10	Installation box for adaptor PCB	KRP1BB101	
11	Sensor kit	BRYQ60A2W (for BYFQ60C2W1W)	
		BRYQ60A2S (for BYFQ60C2W1S)	
12	Panel spacer	KDBQ44BA60A (for BYFQ60B3W1)	
13	Sealing member of air discharge outlet	BDBHQ44C60	
14	Fresh air intake kit (direct installation type)	KDDQ44XA60	
15	Long life filter	KAFQ441BA60	

Notes:

\*1 Wiring for wired remote controller should be obtained locally.

\*2 Sensing function and individual flap control function are not available.

\*3 Installation box for adaptor PCB (KRP1BB101) is necessary.



Submittal Data Sheet  
 1.0-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ12W2VJU9RX12WMVJU9

		<b>Indoor Unit</b>		<b>FFQ12W2VJU9</b>	
		<b>Outdoor Unit</b>		<b>RX12WMVJU9</b>	
				<b>Cooling</b>	<b>Heating</b>
Power Supply		1 $\phi$ , 208 - 230 V, 60 Hz			
Capacity Rated (Min. - Max.)	Btu/h	10,800 (4,600 - 13,300)		13,500 (4,600 - 16,800)	
Running Current (Rated)	A	5.01 - 4.53		5.45 - 4.93	
Power Consumption (Rated)	W	939 - 939		1,081 - 1,081	
Power Factor (Rated)	%	90.1 - 90.1		95.4 - 95.4	
SEER2 / HSPF2		19.50		9.00	
EER2 (Rated)	Btu/h·W	11.50		—	
COP2 (Rated)	W/W	—		3.66	
Piping Connections	Liquid	in. (mm)	$\phi$ 1/4 (6.4)		
	Gas	in. (mm)	$\phi$ 3/8 (9.5)		
	Drain	in. (mm)	VP20 (O.D. $\phi$ 1-1/32 (26))		
Heat Insulation		Both Liquid and Gas Pipes			
Max. Interunit Piping Length	ft (m)	65-5/8 (20)			
Max. Interunit Height Difference	ft (m)	49-1/4 (15)			
Chargeless	ft (m)	32-3/4 (10)			
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20)			
<b>Indoor Unit</b>		<b>FFQ12W2VJU9</b>			
Decoration Panel (1)	Model (Color)		BYFQ60B3W1 (White)		
	Dimensions (H $\times$ W $\times$ D)	in. (mm)	2-3/16 $\times$ 27-9/16 $\times$ 27-9/16 (55 $\times$ 700 $\times$ 700)		
	Weight (Mass)	lbs (kg)	6.0 (2.7)		
Decoration Panel (2)	Model (Color)		BYFQ60C2W1W (White) / BYFQ60C2W1S (Silver)		
	Dimensions (H $\times$ W $\times$ D)	in. (mm)	1-13/16 $\times$ 24-7/16 $\times$ 24-7/16 (46 $\times$ 620 $\times$ 620)		
	Weight (Mass)	lbs (kg)	6.2 (2.8)		
Heat Exchanger	Rows $\times$ Stages, Fin per Inch		2 $\times$ 16, 21		
	Fin Spec / Tube		Slit Fin / $\phi$ 5 Hi-XA Tube		
Airflow Rate	H / M / L	cfm	406 / 353 / 268		427 / 371 / 282
		m3/min	11.5 / 10.0 / 7.6		12.1 / 10.5 / 8.0
Fan	Type / Speed		Turbo Fan / 3 Steps		

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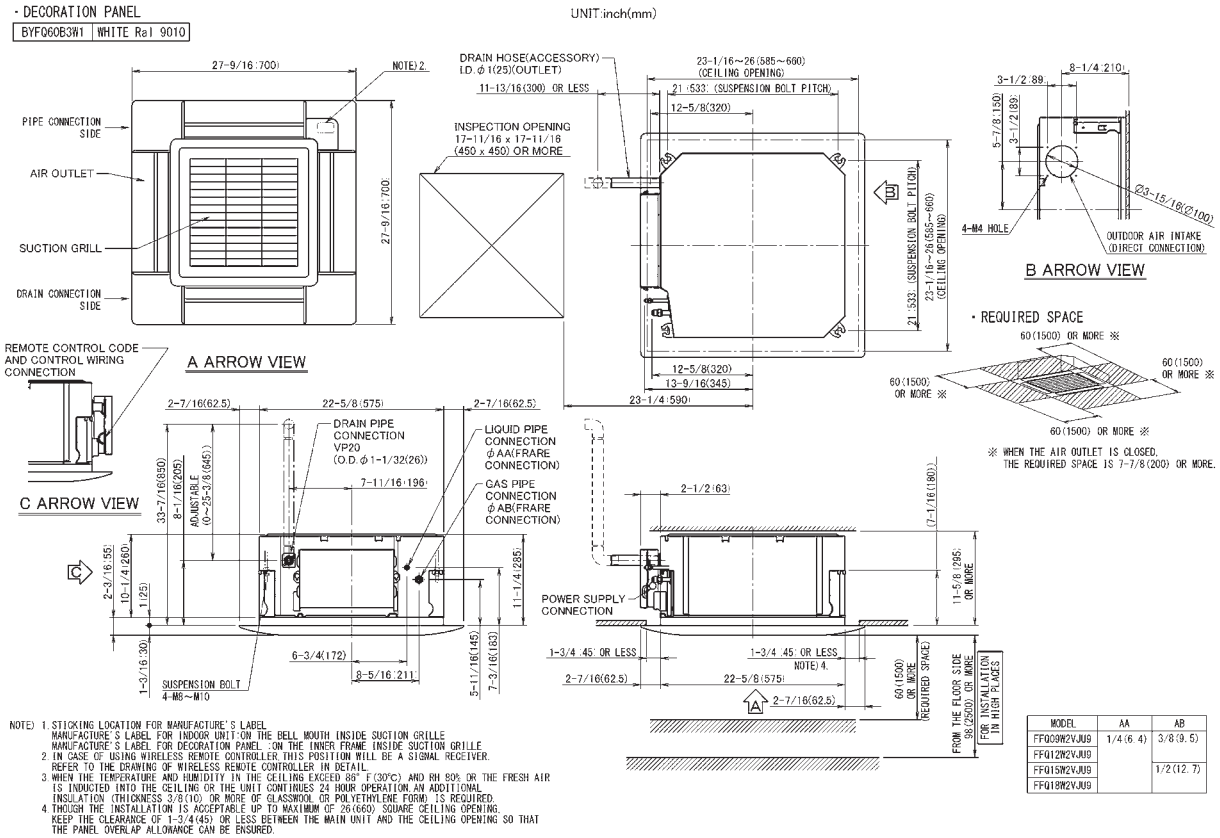
Submittal Data Sheet  
 1.0-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ12W2VJU9RX12WMVJU9

Running Current (Rated)		A	0.27 - 0.24	0.27 - 0.24
Power Consumption (Rated)		W	27 - 27	27 - 27
Power Factor (Rated)		%	48.1 - 48.9	48.1 - 48.9
Temperature Control		Microcomputer Control		
Dimensions (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	
Weight (Mass)		lbs (kg)	36 (16)	
Sound Pressure Level	H / M / L	dB(A)	39 / 36 / 30	39 / 36 / 30
Remote Controller (Option)		Wired	BRC1E73	
		Wireless	BRC082A41W / BRC082A42W / BRC082A42S	
<b>Outdoor Unit</b>		<b>RX12WMVJU9</b>		
Casing Color		Ivory White		
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.03	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		1YC23AUXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	12.68 (0.375)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	2.09 (0.95)	
Airflow Rate		cfm (m <sup>3</sup> /min)	1,105 (31.3)	1,144 (32.4)
Fan	Type		Propeller	
Running Current (Rated)		A	4.74 - 4.29	5.18 - 4.69
Power Consumption (Rated)		W	912 - 912	1,054 - 1,054
Power Factor (Rated)		%	92.5 - 92.4	97.8 - 97.7
Dimensions (H × W × D)		in. (mm)	21-5/8 × 26-9/16 × 11-3/16 (550 × 675 × 284)	
Weight (Mass)		lbs (kg)	63 (29)	
Sound Pressure Level		dB(A)	49	51
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)	
Note(s)		SL: The quiet fan level of the airflow rate setting.		

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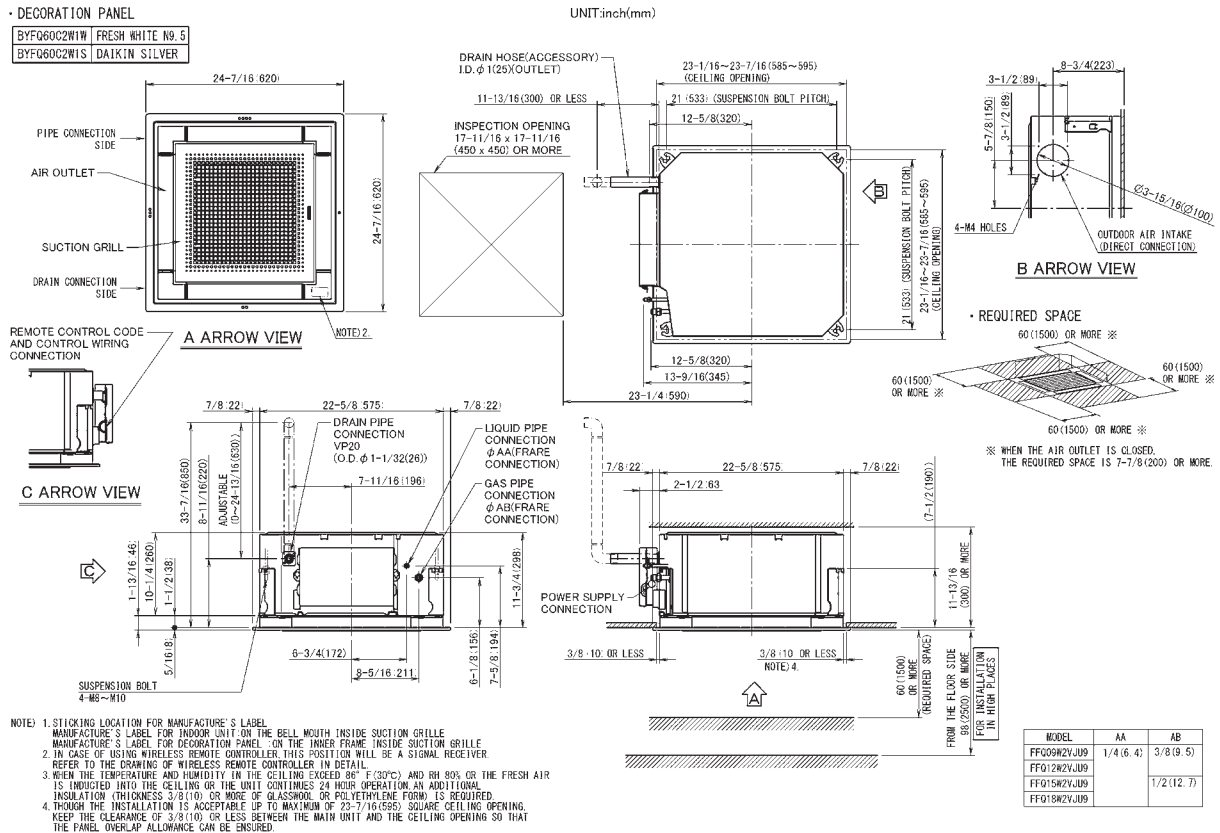
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### FFQ09/12/15/18W2VJU9 with BYFQ60B3W1 (Decoration Panel)



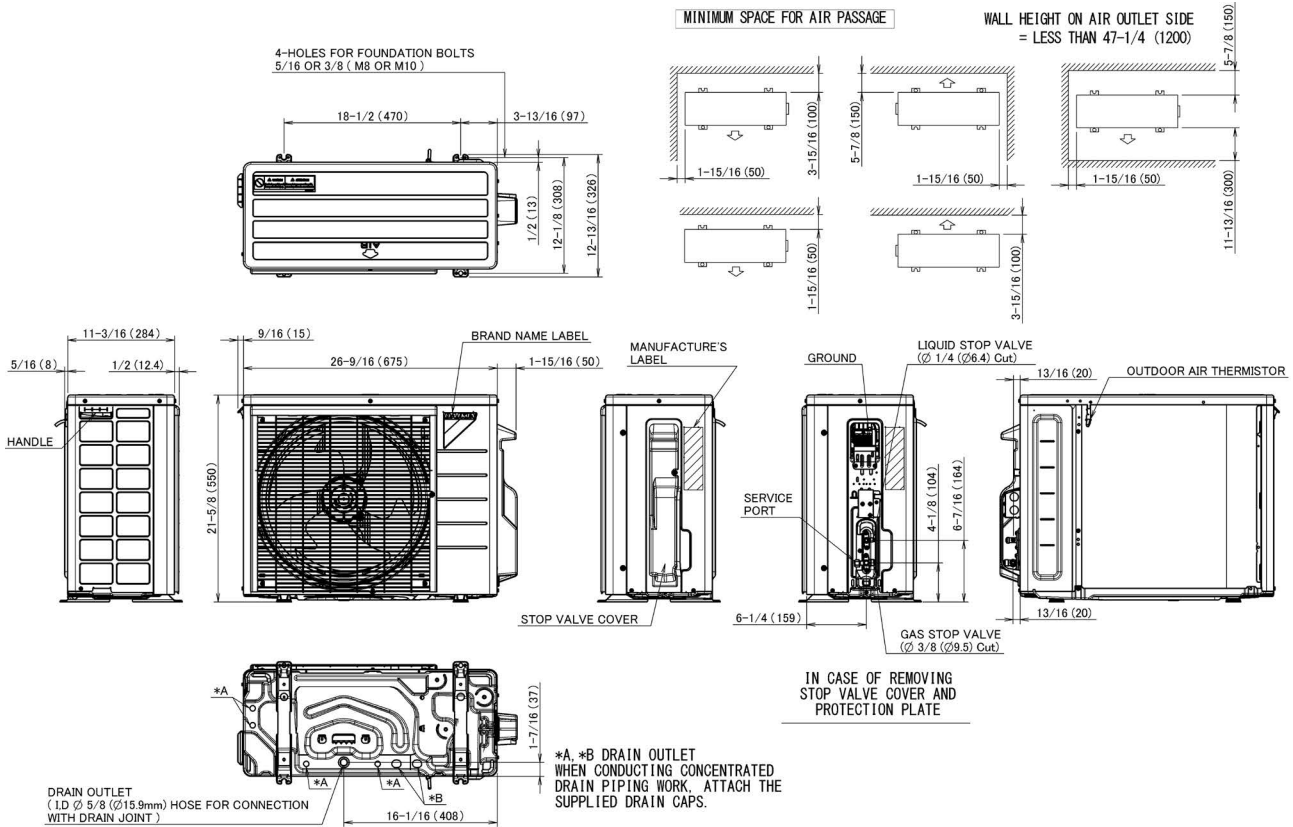
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### FFQ09/12/15/18W2VJU9 with BYFQ60C2W1W(S) (Decoration Panel)



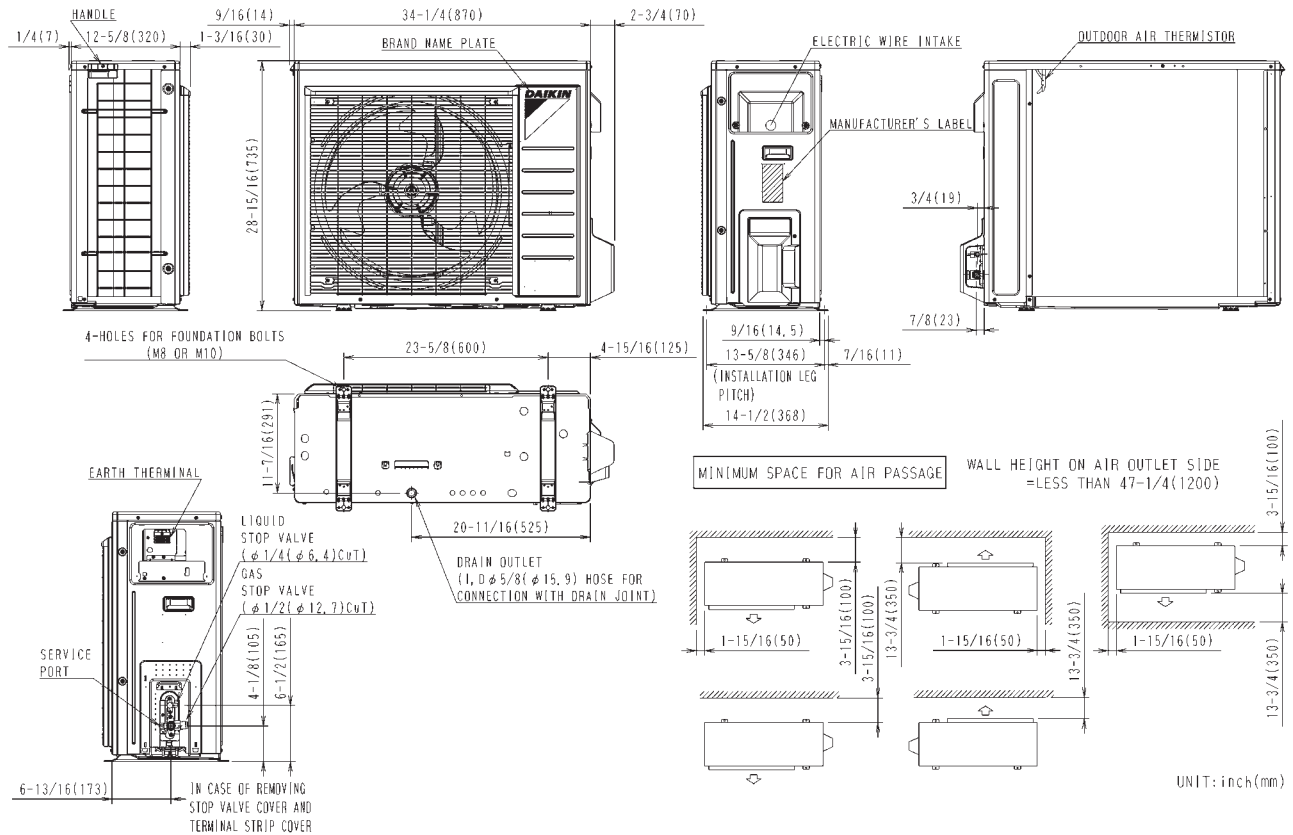
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### 4.2 Outdoor Unit RX09/12WMVJU9



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### RX15/18WMVJU9



3D092224D

## 11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		RLA	Hp	W	FLA	Hp	W
FTXR09WVJUW9 FTXR09WVJUS9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.6	15	7.5	0.03	20	0.17	0.04	29	0.13
FTXR12WVJUW9 FTXR12WVJUS9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.7	15	7.5	0.03	20	0.17	0.04	29	0.19
FTXR18WVJUW9 FTXR18WVJUS9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.04	29	0.21
FDMQ09WVJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.0	15	7.5	0.03	20	0.17	0.17	130	0.49
FDMQ12WVJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.1	15	7.5	0.03	20	0.17	0.17	130	0.63
FDMQ15WVJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.6	15	8.0	0.10	75	0.47	0.31	230	0.64
FDMQ18WVJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.6	15	10.8	0.12	93	0.58	0.31	230	0.84
FDMQ24WVJU9	RX24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	13.1	20	12.0	0.12	93	0.58	0.31	230	1.10
FFQ09W2VJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ12W2VJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ15W2VJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.3	15	8.0	0.10	75	0.47	0.07	50	0.28
FFQ18W2VJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.07	50	0.28

### Symbols:

MCA	: Min. circuit amps	(A)
MFA	: Max. fuse amps	(A)
RLA	: Rated load amps	(A)
OFM	: Outdoor fan motor	
IFM	: Indoor fan motor	
FLA	: Full load amps	(A)
W / Hp	: Fan motor rated output	(W, Hp)

### Notes:

1. RLA is the max current that comes in cooling operation and heating operation.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.

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	Option Name	Model Name	
1	Remote controller (required)	Wired type *1	BRC1E73
		Wireless type *2	BRC082A42W (for BYFQ60C2W1W)
			BRC082A42S (for BYFQ60C2W1S)
			BRC082A41W (for BYFQ60B3W1)
2	Decoration panel (required)	BYFQ60C2W1W	
		BYFQ60C2W1S	
		BYFQ60B3W1	
3	Wireless LAN connection adaptor	AZAI6WSCDKA	
4	Central remote controller	DCS302C71	
5	Unified ON/OFF controller	DCS301C71	
6	Schedule timer controller	DST301BA61	
7	Remote sensor	KRCS01-4B	
8	Adaptor for wiring *3	KRP1C75	
9	Wiring adaptor for electrical appendices *3	KRP4A74	
10	Installation box for adaptor PCB	KRP1BB101	
11	Sensor kit	BRYQ60A2W (for BYFQ60C2W1W)	
		BRYQ60A2S (for BYFQ60C2W1S)	
12	Panel spacer	KDBQ44BA60A (for BYFQ60B3W1)	
13	Sealing member of air discharge outlet	BDBHQ44C60	
14	Fresh air intake kit (direct installation type)	KDDQ44XA60	
15	Long life filter	KAFQ441BA60	

Notes:

\*1 Wiring for wired remote controller should be obtained locally.

\*2 Sensing function and individual flap control function are not available.

\*3 Installation box for adaptor PCB (KRP1BB101) is necessary.



Submittal Data Sheet  
 1.25-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ15W2VJU9RX15WMVJU9

Model	Indoor Unit		FFQ15W2VJU9	
	Outdoor Unit		RX15WMVJU9	
			Cooling	Heating
Power Supply		1 $\phi$ , 208 - 230 V, 60 Hz		
Capacity Rated (Min. - Max.)	Btu/h	14,400 (5,100 - 16,200)	16,200 (5,200 - 16,300)	
Running Current (Rated)	A	6.34 - 5.73	6.80 - 6.15	
Power Consumption (Rated)	W	1,252 - 1,252	1,349 - 1,349	
Power Factor (Rated)	%	94.9 - 95.0	95.4 - 95.4	
SEER2 / HSPF2		19.60	8.80	
EER2 (Rated)	Btu/h·W	11.50	—	
COP2 (Rated)	W/W	—	3.52	
Piping Connections	Liquid	in. (mm)	$\phi$ 1/4 (6.4)	
	Gas	in. (mm)	$\phi$ 1/2 (12.7)	
	Drain	in. (mm)	VP20 (O.D. $\phi$ 1-1/32 (26))	
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)	0.21 (20)		
<b>Indoor Unit</b>		<b>FFQ15W2VJU9</b>		
Decoration Panel (1)	Model (Color)		BYFQ60B3W1 (White)	
	Dimensions (H × W × D)	in. (mm)	2-3/16 × 27-9/16 × 27-9/16 (55 × 700 × 700)	
	Weight (Mass)	lbs (kg)	6.0 (2.7)	
Decoration Panel (2)	Model (Color)		BYFQ60C2W1W (White) / BYFQ60C2W1S (Silver)	
	Dimensions (H × W × D)	in. (mm)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)	
	Weight (Mass)	lbs (kg)	6.2 (2.8)	
Heat Exchanger	Rows × Stages, Fin per Inch		2 × 16, 21	
	Fin Spec / Tube		Slit Fin / $\phi$ 5 Hi-XA Tube	
Airflow Rate	H / M / L	cfm	420 / 367 / 293	441 / 385 / 307
		m3/min	11.9 / 10.4 / 8.3	12.5 / 10.9 / 8.7
Fan	Type / Speed		Turbo Fan / 3 Steps	
Running Current (Rated)	A	0.29 - 0.26	0.29 - 0.26	
Power Consumption (Rated)	W	28 - 28	28 - 28	
Power Factor (Rated)	%	46.4 - 46.8	46.4 - 46.8	

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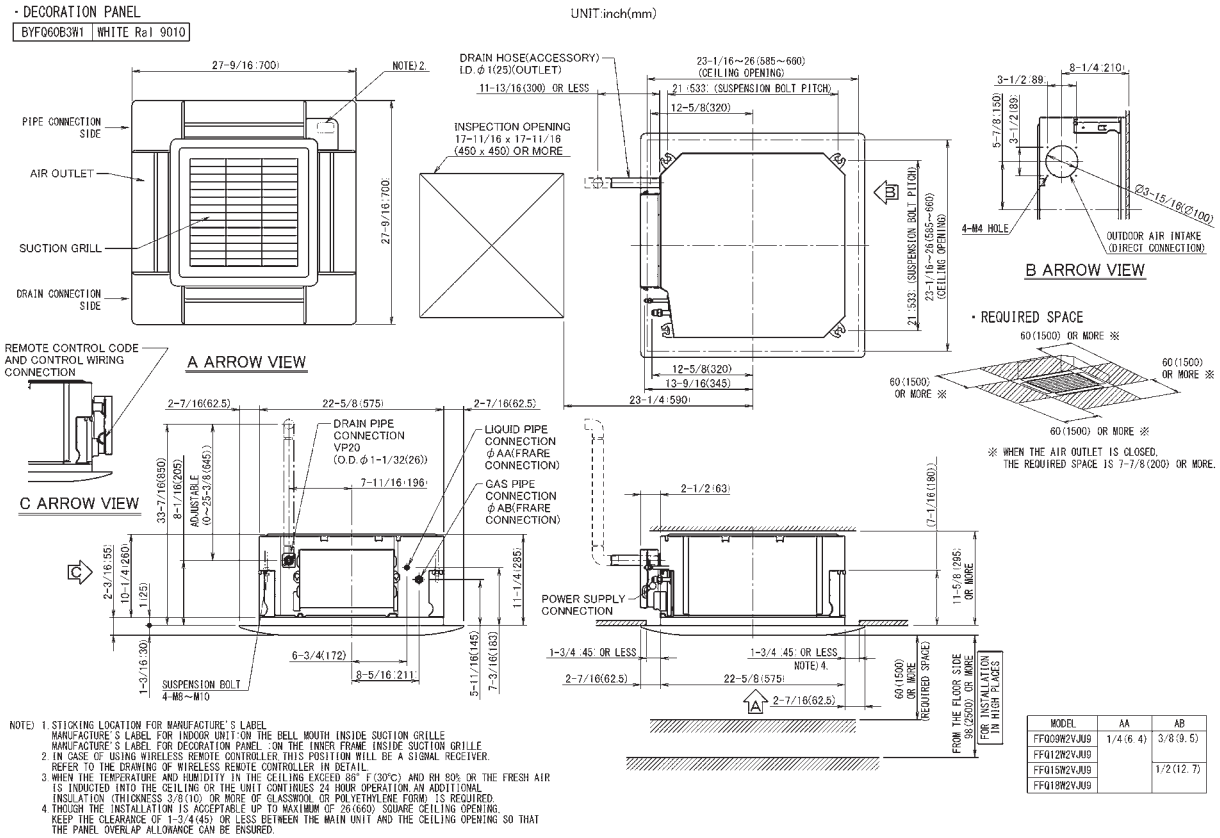
Submittal Data Sheet  
 1.25-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ15W2VJU9RX15WMVJU9

Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	
Weight (Mass)		lbs (kg)	36 (16)	
Sound Pressure Level	H / M / L	dB(A)	40 / 37 / 31	40 / 37 / 31
Remote Controller (Option)		Wired	BRC1E73	
		Wireless	BRC082A41W / BRC082A42W / BRC082A42S	
<b>Outdoor Unit</b>			<b>RX15WMVJU9</b>	
Casing Color			Ivory White	
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.10	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		2YC36PXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	21.98 (0.650)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	2.49 (1.13)	
Airflow Rate		cfm (m3/min)	2,313 (65.5)	2,108 (59.7)
Fan	Type		Propeller	
Running Current (Rated)		A	6.05 - 5.47	6.51 - 5.89
Power Consumption (Rated)		W	1,224 - 1,224	1,321 - 1,321
Power Factor (Rated)		%	97.3 - 97.3	97.6 - 97.5
Dimensions (H × W × D)		in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Weight (Mass)		lbs (kg)	100 (45)	
Sound Pressure Level		dB(A)	50	51
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)	
SL: The quiet fan level of the airflow rate setting.				

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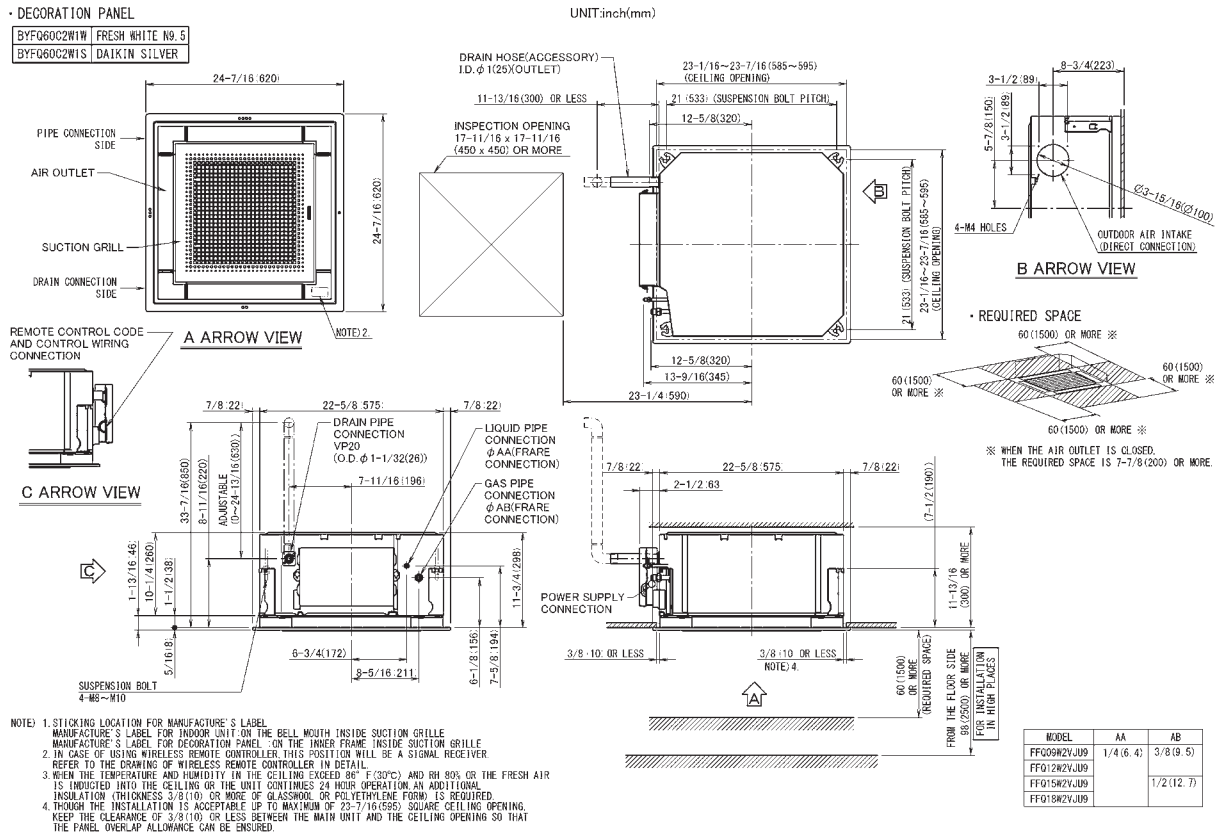
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### FFQ09/12/15/18W2VJU9 with BYFQ60B3W1 (Decoration Panel)



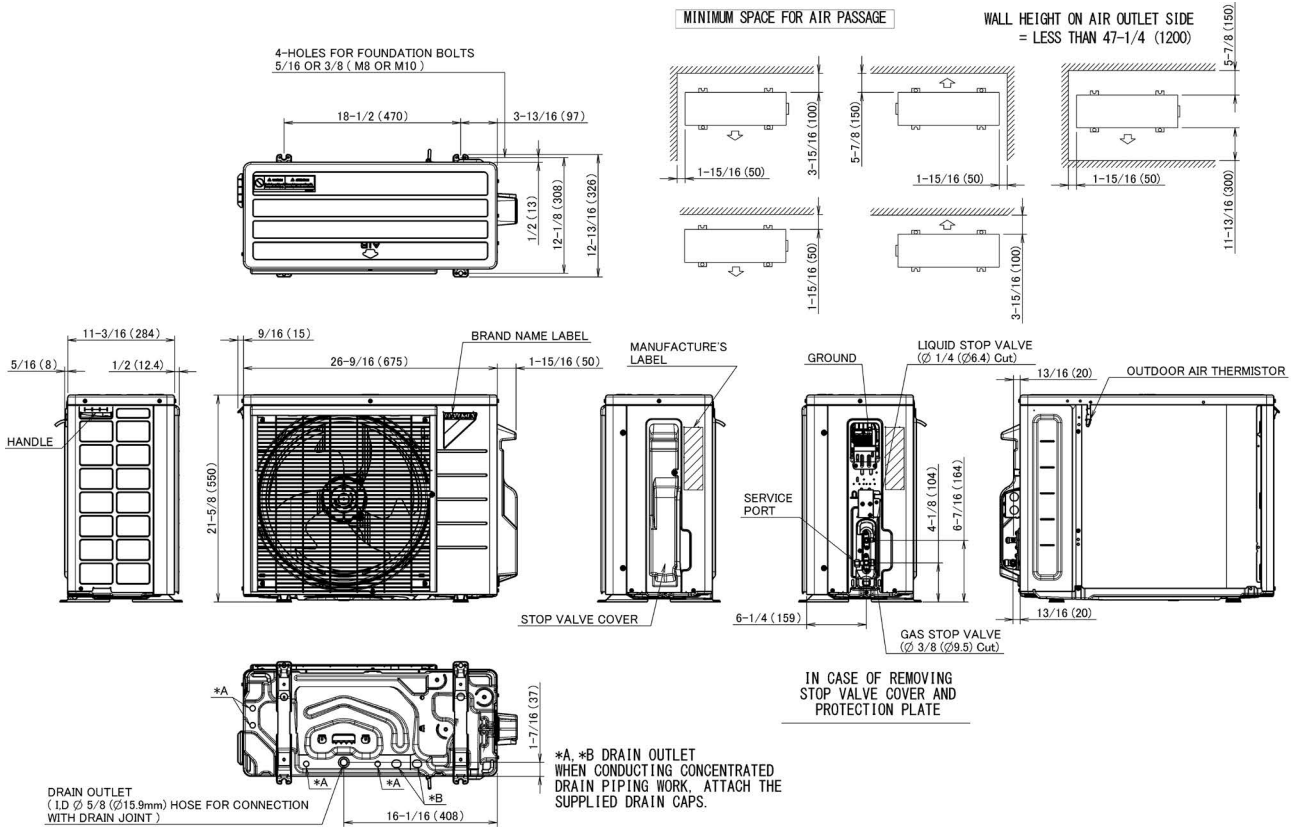
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### FFQ09/12/15/18W2VJU9 with BYFQ60C2W1W(S) (Decoration Panel)



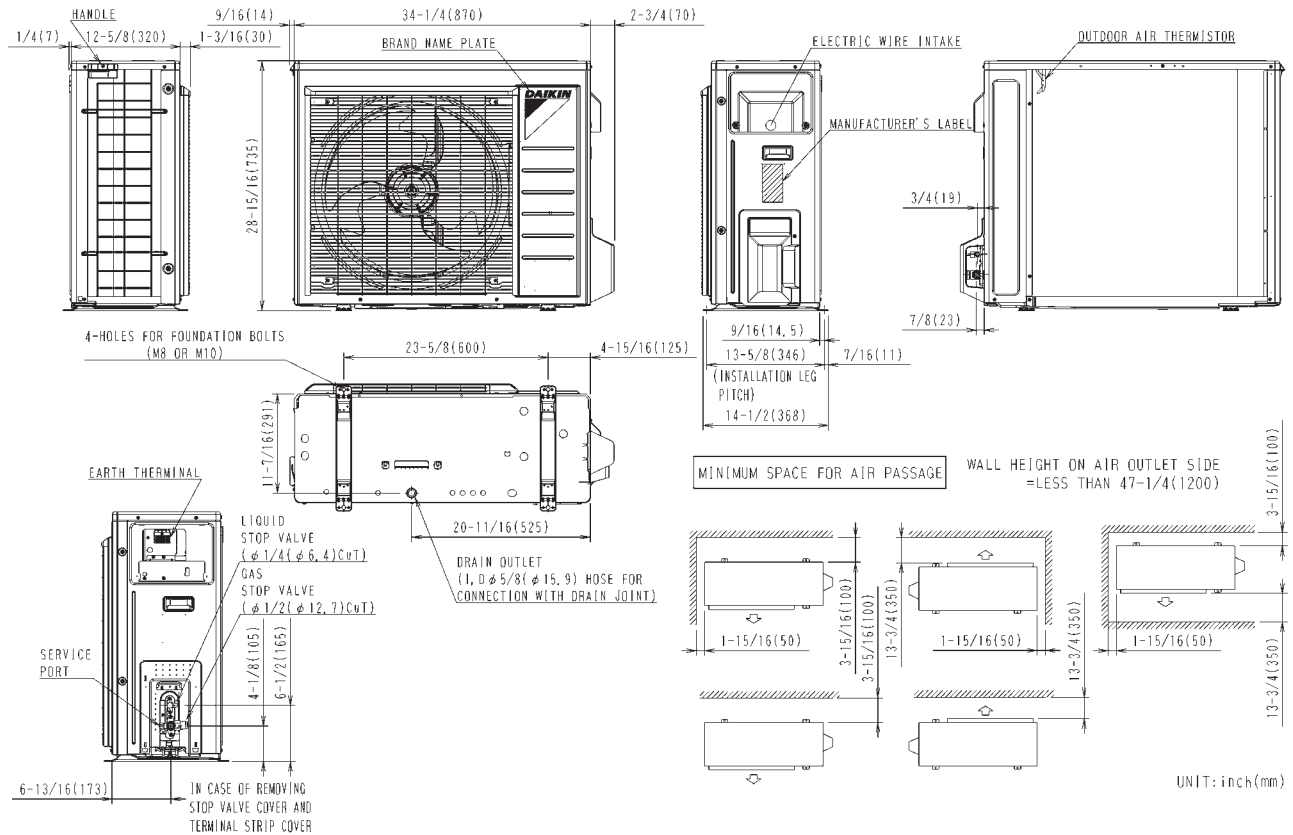
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## 4.2 Outdoor Unit RX09/12WMVJU9



3D136777

## RX15/18WMVJU9



3D092224D

## 11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		RLA	Hp	W	FLA	Hp	W
FTXR09WVJUW9 FTXR09WVJUS9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.6	15	7.5	0.03	20	0.17	0.04	29	0.13
FTXR12WVJUW9 FTXR12WVJUS9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.7	15	7.5	0.03	20	0.17	0.04	29	0.19
FTXR18WVJUW9 FTXR18WVJUS9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.04	29	0.21
FDMQ09WVJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.0	15	7.5	0.03	20	0.17	0.17	130	0.49
FDMQ12WVJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.1	15	7.5	0.03	20	0.17	0.17	130	0.63
FDMQ15WVJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.6	15	8.0	0.10	75	0.47	0.31	230	0.64
FDMQ18WVJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.6	15	10.8	0.12	93	0.58	0.31	230	0.84
FDMQ24WVJU9	RX24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	13.1	20	12.0	0.12	93	0.58	0.31	230	1.10
FFQ09W2VJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ12W2VJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ15W2VJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.3	15	8.0	0.10	75	0.47	0.07	50	0.28
FFQ18W2VJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.07	50	0.28

### Symbols:

MCA	: Min. circuit amps	(A)
MFA	: Max. fuse amps	(A)
RLA	: Rated load amps	(A)
OFM	: Outdoor fan motor	
IFM	: Indoor fan motor	
FLA	: Full load amps	(A)
W / Hp	: Fan motor rated output	(W, Hp)

### Notes:

1. RLA is the max current that comes in cooling operation and heating operation.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.

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C: 3D143129

	Option Name	Model Name	
1	Remote controller (required)	Wired type *1	BRC1E73
		Wireless type *2	BRC082A42W (for BYFQ60C2W1W)
			BRC082A42S (for BYFQ60C2W1S)
			BRC082A41W (for BYFQ60B3W1)
2	Decoration panel (required)	BYFQ60C2W1W	
		BYFQ60C2W1S	
		BYFQ60B3W1	
3	Wireless LAN connection adaptor	AZAI6WSCDKA	
4	Central remote controller	DCS302C71	
5	Unified ON/OFF controller	DCS301C71	
6	Schedule timer controller	DST301BA61	
7	Remote sensor	KRCS01-4B	
8	Adaptor for wiring *3	KRP1C75	
9	Wiring adaptor for electrical appendices *3	KRP4A74	
10	Installation box for adaptor PCB	KRP1BB101	
11	Sensor kit	BRYQ60A2W (for BYFQ60C2W1W)	
		BRYQ60A2S (for BYFQ60C2W1S)	
12	Panel spacer	KDBQ44BA60A (for BYFQ60B3W1)	
13	Sealing member of air discharge outlet	BDBHQ44C60	
14	Fresh air intake kit (direct installation type)	KDDQ44XA60	
15	Long life filter	KAFQ441BA60	

Notes:

\*1 Wiring for wired remote controller should be obtained locally.

\*2 Sensing function and individual flap control function are not available.

\*3 Installation box for adaptor PCB (KRP1BB101) is necessary.



Submittal Data Sheet  
 1.5-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ18W2VJU9RX18WMVJU9

Model	Indoor Unit		FFQ18W2VJU9	
	Outdoor Unit		RX18WMVJU9	
			Cooling	Heating
Power Supply			1 $\phi$ , 208 - 230 V, 60 Hz	
Capacity Rated (Min. - Max.)		Btu/h	17,400 (5,100 - 18,800)	21,600 (5,400 - 21,800)
Running Current (Rated)		A	7.74 - 7.00	10.70 - 9.68
Power Consumption (Rated)		W	1,513 - 1,513	2,110 - 2,110
Power Factor (Rated)		%	94.0 - 94.0	94.8 - 94.8
SEER2 / HSPF2			18.20	8.40
EER2 (Rated)		Btu/h·W	11.50	—
COP2 (Rated)		W/W	—	3.00
Piping Connections	Liquid	in. (mm)	$\phi$ 1/4 (6.4)	
	Gas	in. (mm)	$\phi$ 1/2 (12.7)	
	Drain	in. (mm)	VP20 (O.D. $\phi$ 1-1/32 (26))	
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)	0.21 (20)	
<b>Indoor Unit</b>			<b>FFQ18W2VJU9</b>	
Decoration Panel (1)	Model (Color)		BYFQ60B3W1 (White)	
	Dimensions (H × W × D)	in. (mm)	2-3/16 × 27-9/16 × 27-9/16 (55 × 700 × 700)	
	Weight (Mass)	lbs (kg)	6.0 (2.7)	
Decoration Panel (2)	Model (Color)		BYFQ60C2W1W (White) / BYFQ60C2W1S (Silver)	
	Dimensions (H × W × D)	in. (mm)	1-13/16 × 24-7/16 × 24-7/16 (46 × 620 × 620)	
	Weight (Mass)	lbs (kg)	6.2 (2.8)	
Heat Exchanger	Rows × Stages, Fin per Inch		2 × 16, 21	
	Fin Spec / Tube		Slit Fin / $\phi$ 5 Hi-XA Tube	
Airflow Rate	H / M / L	cfm	448 / 378 / 275	498 / 420 / 307
		m3/min	12.7 / 10.7 / 7.8	14.1 / 11.9 / 8.7
Fan	Type / Speed		Turbo Fan / 3 Steps	
Running Current (Rated)		A	0.52 - 0.47	0.52 - 0.47
Power Consumption (Rated)		W	51 - 51	51 - 51
Power Factor (Rated)		%	47.2 - 47.2	47.2 - 47.2
Temperature Control			Microcomputer Control	

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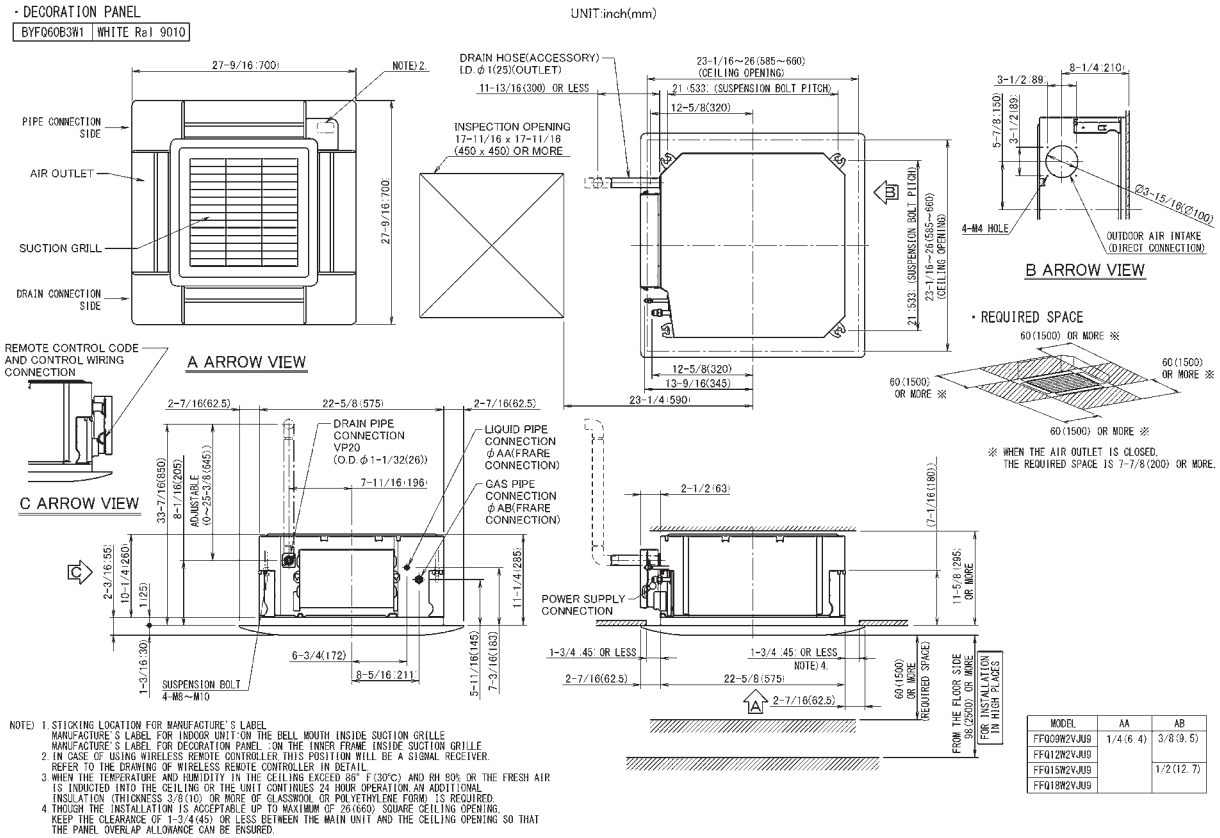
Submittal Data Sheet  
 1.5-Ton Ceiling Mounted Cassette and Heat Pump  
 FFQ18W2VJU9RX18WMVJU9

Dimensions (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	
Weight (Mass)		lbs (kg)	39 (17.5)	
Sound Pressure Level	H / M / L	dB(A)	44 / 40 / 32	44 / 40 / 32
Remote Controller (Option)		Wired	BRC1E73	
		Wireless	BRC082A41W / BRC082A42W / BRC082A42S	
<b>Outdoor Unit</b>			<b>RX18WMVJU9</b>	
Casing Color		Ivory White		
Heat Exchanger	Fin Spec / Tube		Waffle Fin (PE) / φ 7 Hi-XSL Tube	
Fan Motor	Motor Output	HP	0.12	
Compressor	Type		Hermetically Sealed Swing Type	
	Model		2YC36PXD	
Refrigerant Oil	Type		FVC50K	
	Charge	oz (L)	21.98 (0.650)	
Refrigerant	Type		R-410A	
	Charge	lbs (kg)	2.49 (1.13)	
Airflow Rate		cfm (m3/min)	2,461 (69.7)	2,553 (72.3)
Fan	Type		Propeller	
Running Current (Rated)		A	7.22 - 6.53	10.18 - 9.21
Power Consumption (Rated)		W	1,462 - 1,462	2,059 - 2,059
Power Factor (Rated)		%	97.4 - 97.3	97.2 - 97.2
Dimensions (H × W × D)		in. (mm)	28-15/16 × 34-1/4 × 12-5/8 (735 × 870 × 320)	
Weight (Mass)		lbs (kg)	100 (45)	
Sound Pressure Level		dB(A)	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)
	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)	
SL: The quiet fan level of the airflow rate setting.				

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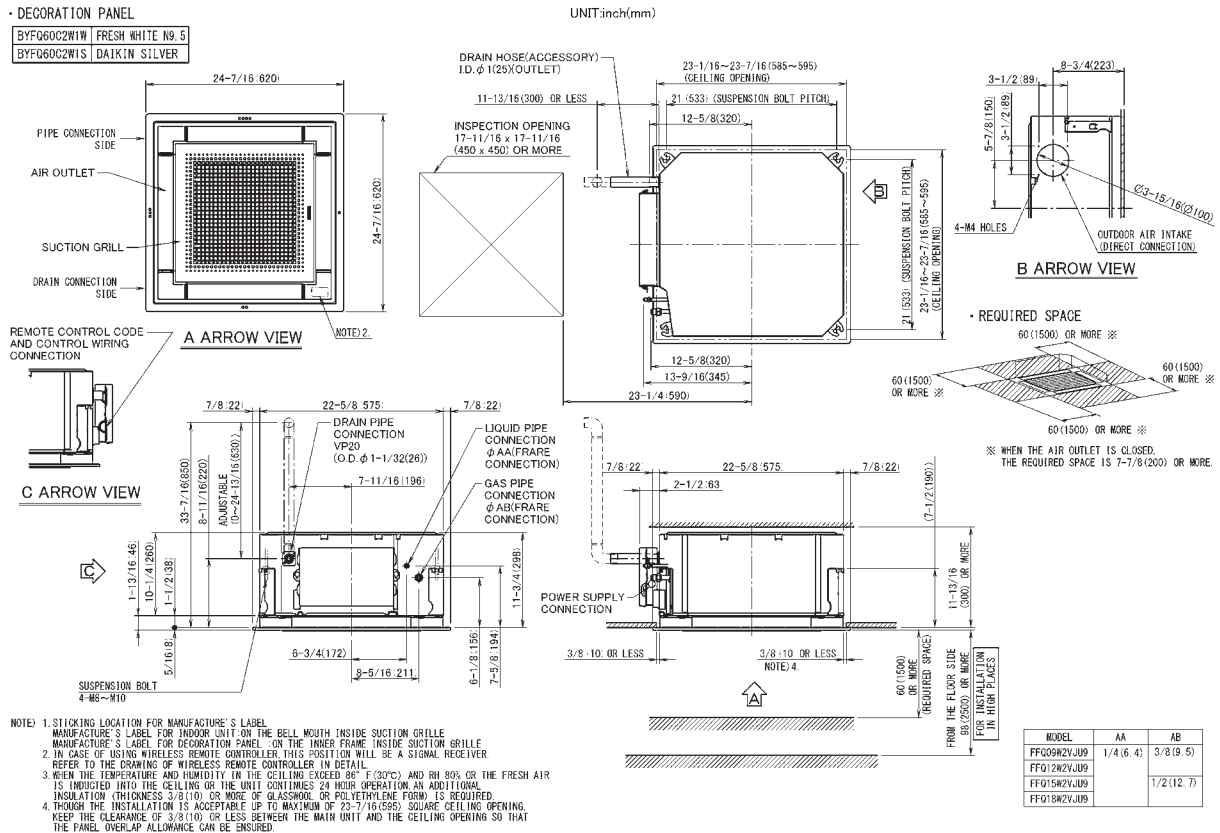
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### FFQ09/12/15/18W2VJU9 with BYFQ60B3W1 (Decoration Panel)



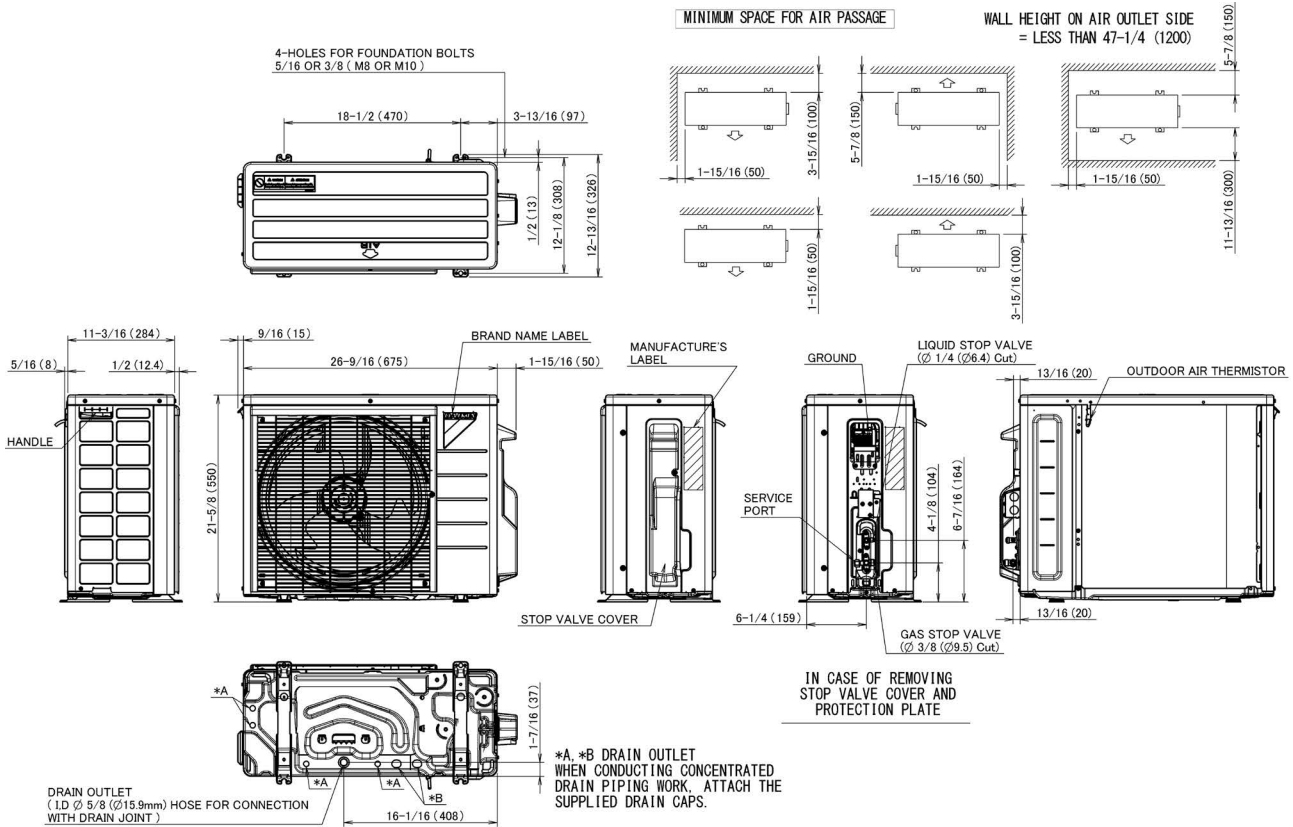
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### FFQ09/12/15/18W2VJU9 with BYFQ60C2W1W(S) (Decoration Panel)



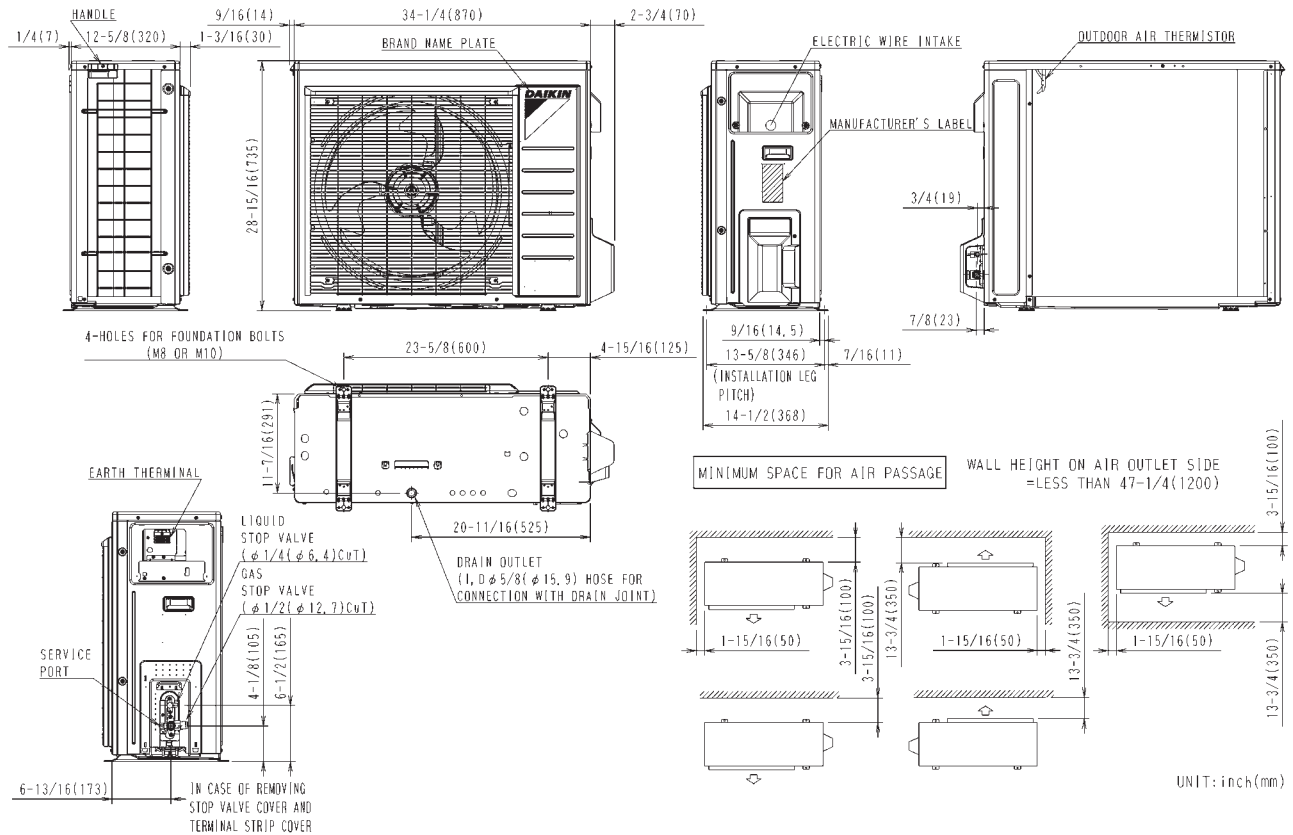
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### 4.2 Outdoor Unit RX09/12WMVJU9



3D136777

### RX15/18WMVJU9



3D092224D

## 11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		RLA	Hp	W	FLA	Hp	W
FTXR09WVJUW9 FTXR09WVJUS9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.6	15	7.5	0.03	20	0.17	0.04	29	0.13
FTXR12WVJUW9 FTXR12WVJUS9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.7	15	7.5	0.03	20	0.17	0.04	29	0.19
FTXR18WVJUW9 FTXR18WVJUS9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.04	29	0.21
FDMQ09WVJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.0	15	7.5	0.03	20	0.17	0.17	130	0.49
FDMQ12WVJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.1	15	7.5	0.03	20	0.17	0.17	130	0.63
FDMQ15WVJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.6	15	8.0	0.10	75	0.47	0.31	230	0.64
FDMQ18WVJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.6	15	10.8	0.12	93	0.58	0.31	230	0.84
FDMQ24WVJU9	RX24WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	13.1	20	12.0	0.12	93	0.58	0.31	230	1.10
FFQ09W2VJU9	RX09WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ12W2VJU9	RX12WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	7.8	15	7.5	0.03	20	0.17	0.07	50	0.28
FFQ15W2VJU9	RX15WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	8.3	15	8.0	0.10	75	0.47	0.07	50	0.28
FFQ18W2VJU9	RX18WMVJU9	60 Hz - 208 V 60 Hz - 230 V	Max. 60 Hz, 253 V Min. 60 Hz, 187 V	11.0	15	10.8	0.12	93	0.58	0.07	50	0.28

### Symbols:

MCA	: Min. circuit amps	(A)
MFA	: Max. fuse amps	(A)
RLA	: Rated load amps	(A)
OFM	: Outdoor fan motor	
IFM	: Indoor fan motor	
FLA	: Full load amps	(A)
W / Hp	: Fan motor rated output	(W, Hp)

### Notes:

1. RLA is the max current that comes in cooling operation and heating operation.
2. Maximum allowable voltage variation between phases is 2%.
3. Select wire size based on the larger value of MCA.

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	Option Name	Model Name	
1	Remote controller (required)	Wired type *1	BRC1E73
		Wireless type *2	BRC082A42W (for BYFQ60C2W1W)
			BRC082A42S (for BYFQ60C2W1S)
			BRC082A41W (for BYFQ60B3W1)
2	Decoration panel (required)	BYFQ60C2W1W	
		BYFQ60C2W1S	
		BYFQ60B3W1	
3	Wireless LAN connection adaptor	AZAI6WSCDKA	
4	Central remote controller	DCS302C71	
5	Unified ON/OFF controller	DCS301C71	
6	Schedule timer controller	DST301BA61	
7	Remote sensor	KRCS01-4B	
8	Adaptor for wiring *3	KRP1C75	
9	Wiring adaptor for electrical appendices *3	KRP4A74	
10	Installation box for adaptor PCB	KRP1BB101	
11	Sensor kit	BRYQ60A2W (for BYFQ60C2W1W)	
		BRYQ60A2S (for BYFQ60C2W1S)	
12	Panel spacer	KDBQ44BA60A (for BYFQ60B3W1)	
13	Sealing member of air discharge outlet	BDBHQ44C60	
14	Fresh air intake kit (direct installation type)	KDDQ44XA60	
15	Long life filter	KAFQ441BA60	

Notes:

\*1 Wiring for wired remote controller should be obtained locally.

\*2 Sensing function and individual flap control function are not available.

\*3 Installation box for adaptor PCB (KRP1BB101) is necessary.