



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 ϕ , 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)	ϕ 1/4 (6.4)	
	Gas	in. (mm)	ϕ 1/2 (12.7)	
	Drain	in. (mm)	VP20 (O.D. ϕ 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)	
Indoor Unit			FFQ15W2VJU9	
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 / ϕ 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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Daikin City Generated Submittal Data www.daikincomfort.com or www.daikinac.com

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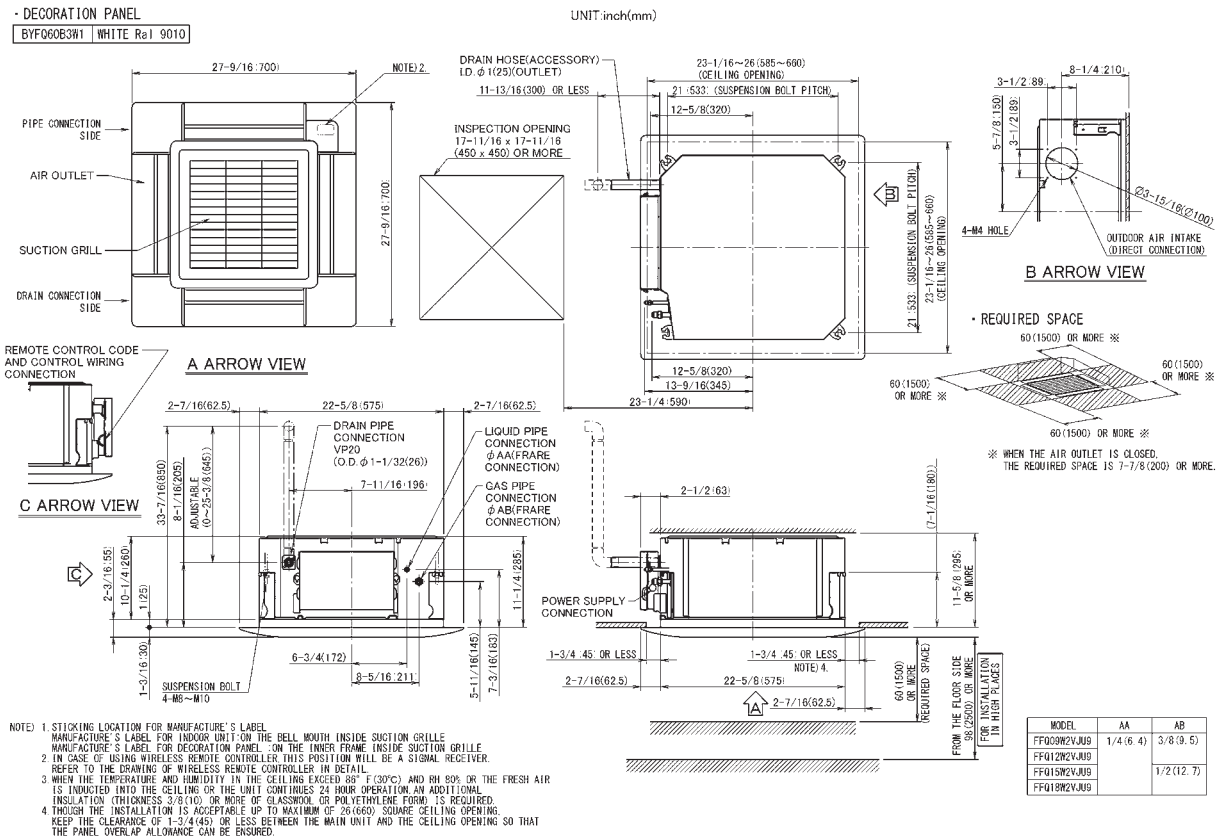
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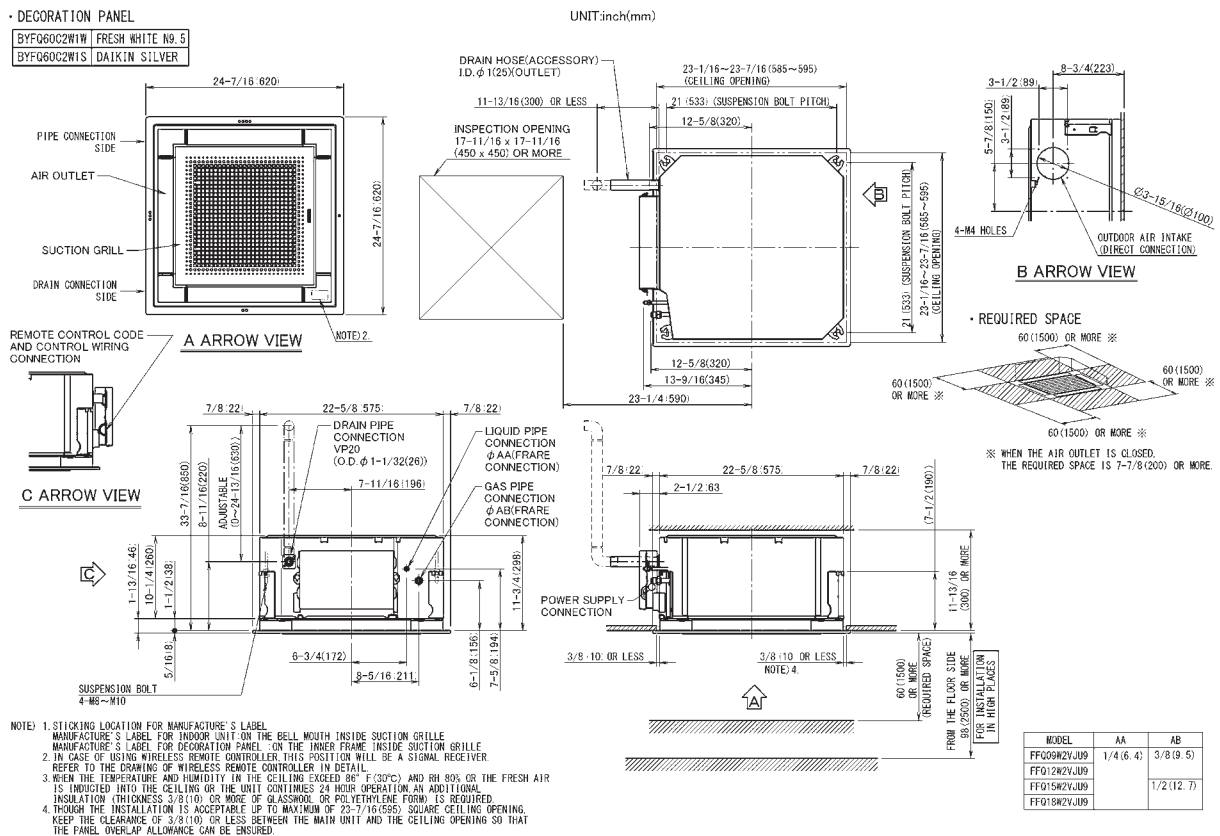
Temperature Control			Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	10-1/4 × 22-5/8 × 22-5/8 (260 × 575 × 575)	
Weight (Mass)		lbs (kg)	36 (16)	
Sound Pressure Level	H / M / L	dB(A)	40 / 37 / 31	40 / 37 / 31
Remote Controller (Option)		Wired	BRC1E73	
		Wireless	BRC082A41W / BRC082A42W / BRC082A42S	
Outdoor Unit			RX15WMVJU9	
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.				

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



C: 3D106040A

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



C: 3D106039A

MINIMUM SPACE FOR AIR PASSAGE

WALL HEIGHT ON AIR OUTLET SIDE
= LESS THAN 47-1/4 (1200)

9-7/8 (150)

3-15/16 (100)

1-15/16 (50)

5-7/8 (150)

1-15/16 (50)

1-15/16 (50)

3-15/16 (100)

11-13/16 (300)

MANUFACTURER'S LABEL

GROUND

LIQUID STOP VALVE
($\varnothing$ 1/4 ($\varnothing$ 6.4) Cut)

13/16 (20)

OUTDOOR AIR THERMISTOR

SERVICE PORT

4-1/8 (104)

6-7/16 (164)

6-1/4 (159)

GAS STOP VALVE
($\varnothing$ 3/8 ($\varnothing$ 9.5) Cut)

13/16 (20)

IN CASE OF REMOVING STOP VALVE COVER AND PROTECTION PLATE

OUTLET
NG CONCENTRATED
WORK, ATTACH THE
N CAPS.

3D136777

FRONT VIEW

- HANDLE: 1/4(7)
- 12-5/8(320)
- 1-3/16(30)
- 9/16(14)
- 34-1/4(870)
- 2-3/4(70)
- BRAND NAME PLATE
- DAIKIN
- 28-15/16(735)

LEFT SIDE VIEW

- 4-HOLES FOR FOUNDATION BOLTS (M8 OR M10)
- 23-5/8(600)
- 4-15/16(125)
- 1-7/16(291)
- 20-11/16(525)

RIGHT SIDE VIEW

- ELECTRIC WIRE INTAKE
- MANUFACTURER'S LABEL
- 3/4(19)
- 7/8(23)
- 9/16(14.5)
- 13-5/8(346)
- 7/16(11)
- (INSTALLATION LEG PITCH)
- 14-1/2(368)
- OUTDOOR AIR THERMISTOR

TOP VIEW

- EARTH THERMISTAL
- LIQUID STOP VALVE (φ 1/4(φ 6.4)CuT)
- GAS STOP VALVE (φ 1/2(φ 12.7)CuT)
- 4-1/8(105)
- 6-1/2(165)
- 20-11/16(525)
- DRAIN OUTLET (1, D φ 5/8(φ 15.9) HOSE FOR CONNECTION WITH DRAIN JOINT)

DETAIL VIEW

- SERVICE PORT
- 6-13/16(173)
- IN CASE OF REMOVING STOP VALVE COVER AND TERMINAL STRIP COVER

MINIMUM SPACE FOR AIR PASSAGE

- WALL HEIGHT ON AIR OUTLET SIDE = LESS THAN 47-1/4(1200)
- 1-15/16(50)
- 3-15/16(100)
- 13-3/4(350)
- 1-15/16(50)
- 13-3/4(350)

UNIT: inch(mm)

UNIT: inch(mm)

3D092224D

11. Electric Characteristics

Indoor Unit	Outdoor Unit	Power Supply				Compressor	OFM			IFM		
		Hz - Volts	Voltage Range	MCA	MFA		Hp	W	FLA	Hp	W	FLA
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.

C: 3D143137

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.