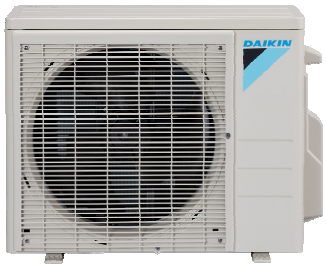
Job Name:	
Tag#	

Submittal Data Sheet

FVXS09NVJU / RXL09QMVJU

.75-Ton Floor Mounted Heat Pump System



Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. *If product is installed in a commercial application, limited warranty period is 5 years.*

Indoor Specifications

	Cooling		Heating	
Airflow Rate (cfm)	H	M	H	M
	290	230	311	244
	L	SL	L	SL
	169	145	177	155
Sound (dBA) H / M / L / SL	38 / 32 / 26 / 23		38 / 32 / 26 / 23	
Dimensions (H × W × D) (in)	23-5/8 × 27-9/16 × 8-1/4			
Weight (Lbs)	31			

Outdoor Specifications

Compressor	Hermetically Sealed Swing Type			
Refrigerant	R-410A			
Factory Charge (Lbs)	2.09			
Refrigerant Oil	PVE (FVC50K)			
Airflow Rate (cfm)	Cooling		Heating	
	H	1,105	H	922
	L	865	L	777
Sound Pressure Level (dBA)	49			
Dimensions (H × W × D) (in)	21-5/8 × 26-9/16 × 11-13/16			
Weight (Lbs)	60			

Efficiency

Cooling		Heating	
SEER	20.0	HSPF	11.7
EER	12.5	COP	4.10

Performance

Cooling (Btu/hr)	
Rated (Min/Max)	9,000 (4,400 / 10,200)
Sensible @ AHRI	7,240
Moisture Removal gal/h	.32
Standard Operating Range	50°F – 115°F
Extended Operating Range*	-4°F – 115°F

Rated Cooling Conditions: Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

***With field settings and wind baffle**

Heating (Btu/hr)	
1:@ 47° Rated (Min/Max)	10,100 (4,400 / 14,300)
2: @ 17° Rated	6,200
3: @ 5° Max	10,100
Operating Range	-13°F – 60°F

1: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB

2: Rated Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 17°F DB/15°F WB

3: Heating Conditions: Indoor: 70°F DB/60°F WB
Outdoor: 5°F DB/5°F WB

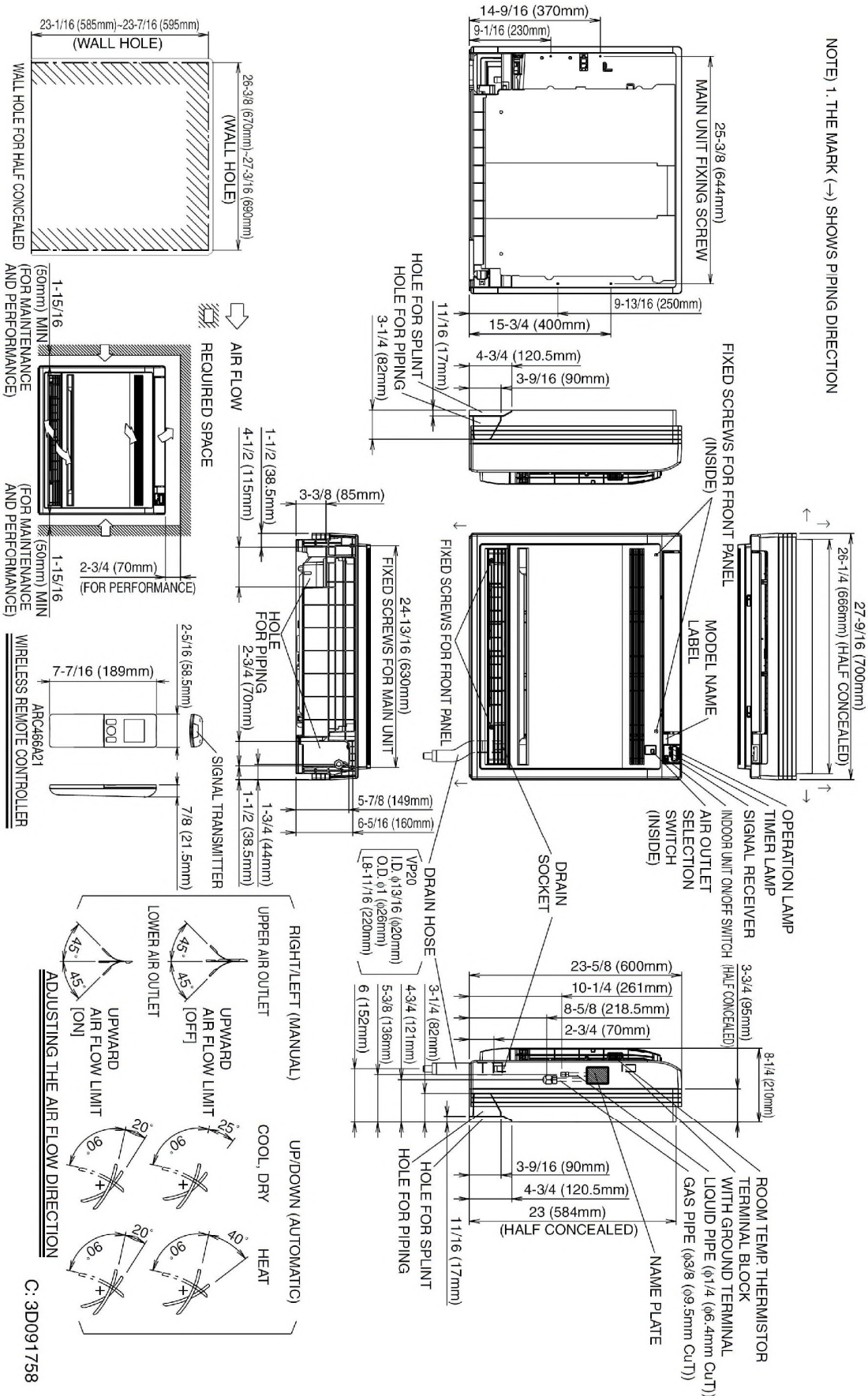
Electrical

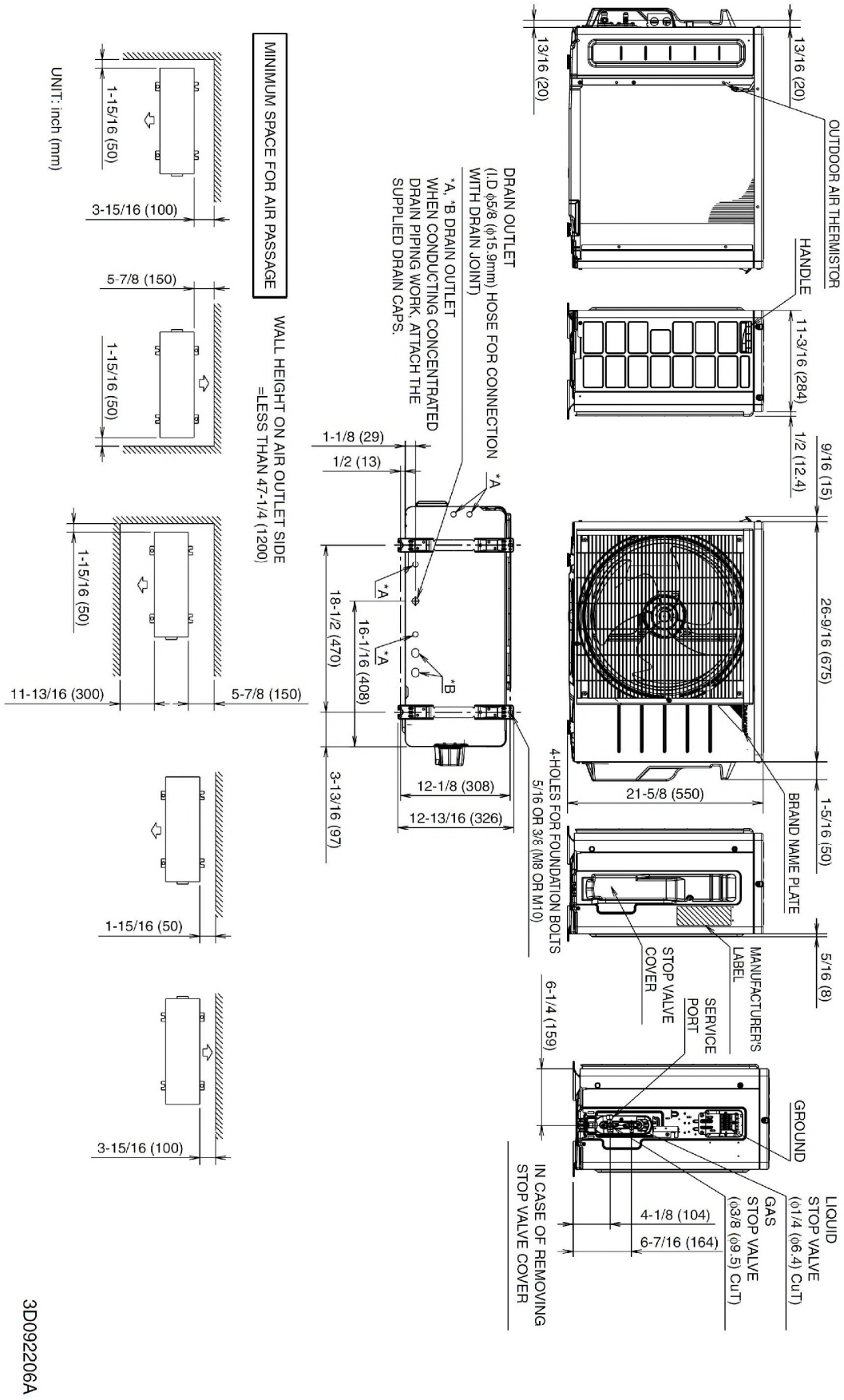
	208/60/1	230/60/1
System MCA	9.5	9.5
System MFA	15	15
Compressor RLA	8.5	8.5
Outdoor fan motor FLA	.15	.15
Outdoor fan motor W	18	18
Indoor fan motor FLA	.21	.21
Indoor fan motor W	12	12

MFA: Max. fuse amps **MCA**: Min. circuit amps (A) **FLA**: Full load amps (A)
RLA: Rated load amps (A) **W**: Fan motor rated output (W)

Piping

Liquid (in)	1/4
Gas (in)	3/8
Drain (in)	13/16
Max. Interunit Piping Length (ft)	65.625
Max. Interunit Height Difference (ft)	49.25
Chargeless (ft)	32.8
Additional Charge of Refrigerant (oz/ft)	.21


NOTE) 1. THE MARK (→) SHOWS PIPING DIRECTION
14-9/16 (370mm)
9-1/16 (230mm)
25-3/8 (644mm)
MAIN UNIT FIXING SCREW
9-13/16 (250mm)
15-3/4 (400mm)
11/16 (17mm)
HOLE FOR SPLINT
3-1/4 (82mm)
HOLE FOR PIPING
4-3/4 (120.5mm)
3-9/16 (90mm)
FIXED SCREWS FOR FRONT PANEL (INSIDE)
26-1/4 (666mm) (HALF CONCEALED)
27-9/16 (700mm)
MODEL NAME LABEL
OPERATION LAMP
TIMER LAMP
SIGNAL RECEIVER
INDOOR UNIT ON/OFF SWITCH
AIR OUTLET SELECTION SWITCH (INSIDE)
DRAIN SOCKET
DRAIN HOSE
VP20
I.D. φ13/16 (φ20mm)
O.D. φ1 (φ26mm)
L8-11/16 (220mm)
23-5/8 (600mm)
10-1/4 (261mm)
8-5/8 (218.5mm)
2-3/4 (70mm)
3-3/4 (95mm)
(HALF CONCEALED)
8-1/4 (210mm)
3-1/4 (82mm)
4-3/4 (121mm)
5-3/8 (136mm)
6 (152mm)
3-9/16 (90mm)
4-3/4 (120.5mm)
23 (584mm)
(HALF CONCEALED)
11/16 (17mm)
HOLE FOR SPLINT
HOLE FOR PIPING
ROOM TEMP. THERMISTOR
TERMINAL BLOCK
WITH GROUND TERMINAL
LIQUID PIPE (φ1/4 (φ6.4mm CuT))
GAS PIPE (φ3/8 (φ9.5mm CuT))
NAME PLATE
23-1/16 (585mm)~23-7/16 (595mm)
(WALL HOLE)
26-3/8 (670mm)~27-3/16 (690mm)
(WALL HOLE)
WALL HOLE FOR HALF CONCEALED
1-15/16
(50mm) MIN
(FOR MAINTENANCE AND PERFORMANCE)
AIR FLOW
REQUIRED SPACE
2-3/4 (70mm)
(FOR PERFORMANCE)
3-3/8 (85mm)
1-1/2 (38.5mm)
4-1/2 (115mm)
24-13/16 (630mm)
FIXED SCREWS FOR MAIN UNIT
HOLE FOR PIPING
2-3/4 (70mm)
5-7/8 (149mm)
6-5/16 (160mm)
1-3/4 (44mm)
1-1/2 (38.5mm)
7-7/16 (189mm)
2-5/16 (58.5mm)
ARC466A21
SIGNAL TRANSMITTER
7/8 (21.5mm)
WIRELESS REMOTE CONTROLLER
RIGHT/LEFT (MANUAL)
UPPER AIR OUTLET
LOWER AIR OUTLET
45°
UPWARD AIR FLOW LIMIT [OFF]
UPWARD AIR FLOW LIMIT [ON]
UP/DOWN (AUTOMATIC)
COOL, DRY
HEAT
90°
20°
25°
40°
ADJUSTING THE AIR FLOW DIRECTION
C: 3D091758


UNIT: inch (mm)
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)
5-7/8 (150)
11-13/16 (300)
13/16 (20)
OUTDOOR AIR THERMISTOR
HANDLE
11-3/16 (284)
1/2 (12.4)
9/16 (15)
26-9/16 (675)
21-5/8 (550)
BRAND NAME PLATE
1-5/16 (50)
5/16 (8)
4-HOLES FOR FOUNDATION BOLTS
5/16 OR 3/8 (M8 OR M10)
DRAIN OUTLET
(I.D ϕ5/8 (ϕ15.9mm) HOSE FOR CONNECTION
WITH DRAIN JOINT)
*A, *B DRAIN OUTLET
WHEN CONDUCTING CONCENTRATED
DRAIN PIPING WORK, ATTACH THE
SUPPLIED DRAIN CAPS.
1-1/8 (29)
1/2 (13)
18-1/2 (470)
16-1/16 (408)
3-13/16 (97)
12-1/8 (308)
12-13/16 (326)
6-1/4 (159)
STOP VALVE COVER
SERVICE PORT
MANUFACTURER'S LABEL
GROUND
IN CASE OF REMOVING
STOP VALVE COVER
4-1/8 (104)
6-7/16 (164)
GAS STOP VALVE (ϕ3/8 (ϕ9.5) CuT)
LIQUID STOP VALVE (ϕ1/4 (ϕ6.4) CuT)

3D092206A

Optional Accessories

Indoor Unit		
Included	**Part Number**	**Description**
	BRP072A43	Wireless Interface Adapter (S21 Adapter Included)
	BRC944B2-A08	Wired Remote Controller kit (Adaptor Required)
	BRCW901A08	Wired Remote Controller Cable – 25ft (Included in above kit)
	BRCW901A03	Wired Remote Controller Cable – 10ft
	KAF968B42	Titanium apatite photocatalytic air-purifying filter WITH frame
	DACA-CP1-1	Inline Condensate Pump (Fits inside all Daikin wall & floor mount units)
	DACA-CP4-1	External Condensate Pump
	DRP928BB2S	Interface Adaptor for DIII-NET

Outdoor Unit		
Included	**Part Number**	**Description**
	DACA-WB-1	Powder-Coated Wall-Mounted Bracket
	KPW937E4	Air direction adjustment grille (09 & 12)
	KEH067A41E	Daikin BMS Drain Pan Heater Small (09 & 12)
	KKG067A41	Back protection wire net (09 & 12)
	KPS067A41	Snow hood (intake side plate) (09 & 12)
	KPS067A42	Snow hood (intake rear plate) (09 & 12)
	KPS067A44	Snow hood (outlet) (09 & 12)
	KKP937A4	Drain Plug for OD Unit