

Job Name:	
Tag#	



Submittal Data Sheet	3MXL24QMVJU
3 Port, 2-Ton Outdoor Heat Pump	



Efficiency			
	SEER	EER	HSPF
Non-Ducted	17.9	12.7	12.5
Ducted	14	9.9	8.2
Mixed	15.95	11.3	10.35

Performance	
Cooling (Btu/hr)	
Rated (Min/Max)	24,000
Operating Range	14°F – 115°F
Rated Cooling Conditions: Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB	
Heating (Btu/hr)	
Rated	24,000
Operating Range	-13°F – 60°F
Rated Heating Conditions: Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB	

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.*

Electrical		
	208/60/1	230/60/1
System MCA	19.5	19.5
System MFA	20	20
Compressor RLA	17.5	17.5
Outdoor fan motor FLA	.38	.38
Outdoor fan motor W	58	58

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)

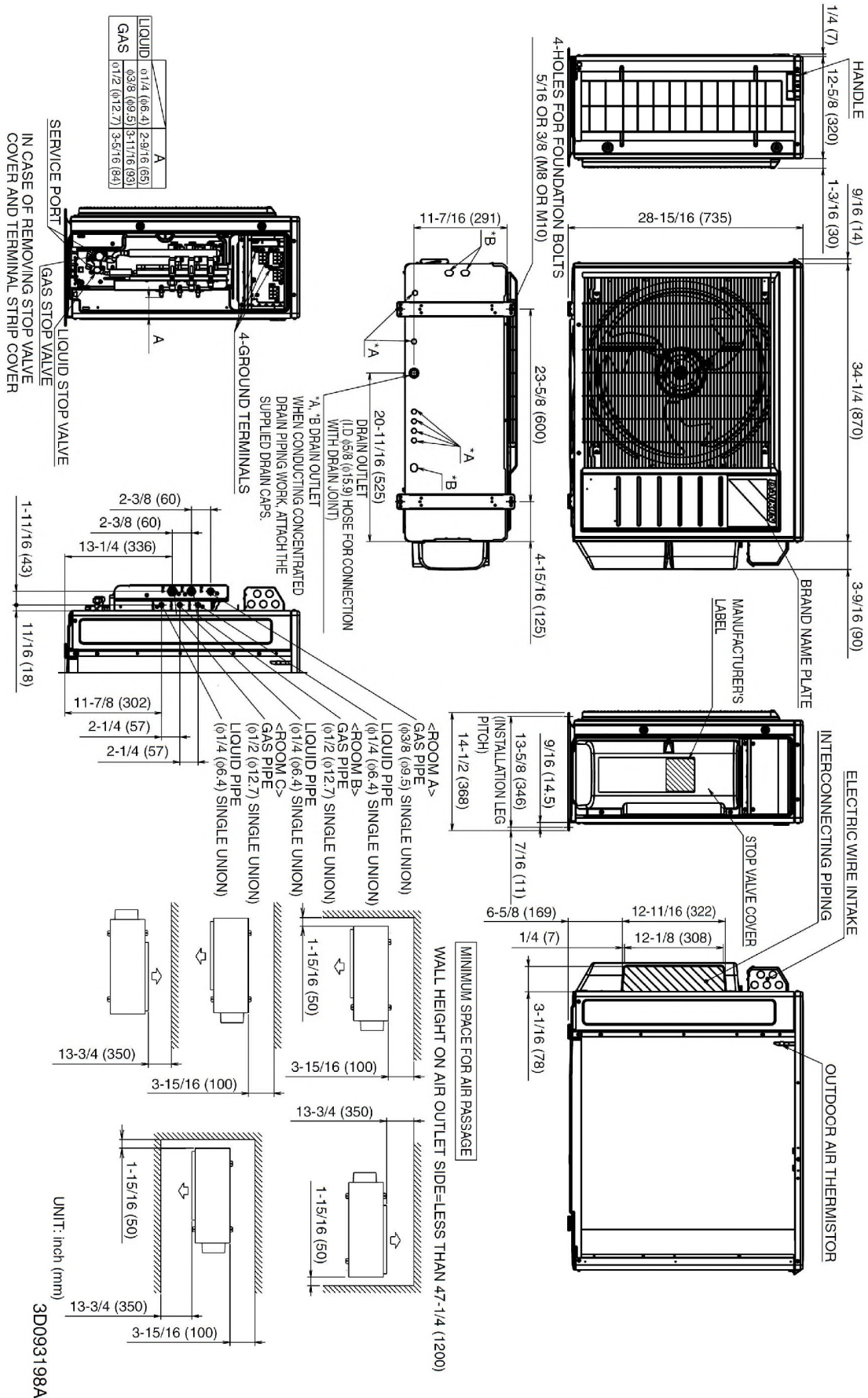
Outdoor Specifications				
Compressor	Hermetically Sealed Swing Type			
Refrigerant	R-410A			
Refrigerant Oil	PVE (FVC50K)			
Airflow Rate (cfm)	Cooling		Heating	
	H	2,094	H	1,886
	M	2,094	M	1,780
	L	1,977	L	1,006
Sound Power Level (dBA)	52 / 54			
Dimensions (H x W x D) (in)	28-15/16 x 34-1/4 x 12-5/8			
Weight (Lbs)	140			

Piping	
Liquid (in)	¼ x 3
Gas (in)	3/8 x 1, ½ x 2
Drain (in)	5/8
Max. System Piping Length (ft)	230
Max. Interunit Piping Length (ft)	82
Max. Height Difference – IDU to ODU (ft)	49.25
Max. Height Difference – IDU to IDU (ft)	24.625
Chargeless (ft)	131.2
Additional Charge of Refrigerant (oz/ft)	.21

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3MXL24QMVJU Dimensional Data



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Included	Part Number	Description
	DACA-WB-3	Mounting Bracket
	KEH063A4E	Drain Pan Heater 2/3/4MXS & 2/3MXL
	KPW063A4	Air Adjustment Grille
	KKG063A42	Back protection wire net
	KKG063A43	Side protection wire net
	KPS063A41	Snow hood (intake side plate)
	KPS063A44	Snow hood (intake rear plate)
	KPS063A47	Snow hood (outlet)

Non- Ducted, 60 Hz, 208-230V

Combination of indoor unit	Cooling Capacity of each indoor unit					
	Heating Capacity of each indoor unit					
	Each Capacity				Total Indoor Unit Capacity	
	A room	B room	C room	D room	Rating	(min ~ max)
07	7.00	—	—	—	7.00	6.90 ~ 9.30
	8.80	—	—	—	8.80	7.50 ~ 14.00
09	9.00	—	—	—	9.00	7.40 ~ 12.00
	11.30	—	—	—	11.30	7.50 ~ 18.00
12	12.00	—	—	—	12.00	7.50 ~ 16.00
	15.00	—	—	—	15.00	7.50 ~ 24.00
15	15.00	—	—	—	15.00	8.90 ~ 20.00
	18.80	—	—	—	18.80	7.70 ~ 30.00
18	18.00	—	—	—	18.00	8.90 ~ 24.00
	22.50	—	—	—	22.50	7.70 ~ 36.00
07+07	7.00	7.00	—	—	14.00	8.90 ~ 18.70
	8.75	8.75	—	—	17.50	7.70 ~ 28.00
07+09	7.00	9.00	—	—	16.00	8.90 ~ 21.30
	8.75	11.25	—	—	20.00	7.70 ~ 32.00
07+12	6.96	11.94	—	—	18.90	9.00 ~ 24.90
	8.36	14.34	—	—	22.70	7.70 ~ 36.70
07+15	6.81	14.59	—	—	21.40	10.00 ~ 27.40
	7.45	15.95	—	—	23.40	7.80 ~ 38.90
07+18	6.72	17.28	—	—	24.00	10.10 ~ 30.00
	6.72	17.28	—	—	24.00	7.80 ~ 41.00
09+09	9.00	9.00	—	—	18.00	9.00 ~ 24.00
	11.25	11.25	—	—	22.50	7.70 ~ 36.00
09+12	8.83	11.77	—	—	20.60	9.10 ~ 26.60
	9.90	13.20	—	—	23.10	7.80 ~ 38.10
09+15	8.66	14.44	—	—	23.10	10.10 ~ 29.10
	8.93	14.88	—	—	23.80	7.80 ~ 40.30
09+18	8.00	16.00	—	—	24.00	10.10 ~ 30.00
	8.00	16.00	—	—	24.00	7.80 ~ 41.00
12+12	11.55	11.55	—	—	23.10	9.20 ~ 29.10
	11.90	11.90	—	—	23.80	7.80 ~ 40.30
12+15	10.67	13.33	—	—	24.00	10.20 ~ 30.00
	10.67	13.33	—	—	24.00	7.90 ~ 41.00
12+18	9.60	14.40	—	—	24.00	10.20 ~ 30.00
	9.60	14.40	—	—	24.00	7.90 ~ 41.00
15+15	12.00	12.00	—	—	24.00	10.80 ~ 30.00
	12.00	12.00	—	—	24.00	7.90 ~ 41.00
15+18	10.91	13.09	—	—	24.00	10.80 ~ 30.00
	10.91	13.09	—	—	24.00	7.90 ~ 41.00
18+18	12.00	12.00	—	—	24.00	10.90 ~ 30.00
	12.00	12.00	—	—	24.00	7.90 ~ 41.00
07+07+07	6.87	6.87	6.87	—	20.60	10.00 ~ 26.60
	7.70	7.70	7.70	—	23.10	7.90 ~ 38.10
07+07+09	6.79	6.79	8.73	—	22.30	10.10 ~ 28.30
	7.18	7.18	9.23	—	23.60	7.90 ~ 39.60
07+07+12	6.46	6.46	11.07	—	24.00	10.10 ~ 30.00
	6.46	6.46	11.08	—	24.00	7.90 ~ 41.00
07+07+15	5.79	5.79	12.41	—	24.00	10.80 ~ 30.00
	5.79	5.79	12.40	—	24.00	7.90 ~ 41.00
07+07+18	5.25	5.25	13.50	—	24.00	10.80 ~ 30.00
	5.25	5.25	13.50	—	24.00	7.90 ~ 41.00
07+09+09	6.72	8.64	8.64	—	24.00	10.10 ~ 30.00
	6.71	8.64	8.64	—	24.00	7.90 ~ 41.00
07+09+12	6.00	7.71	10.28	—	24.00	10.20 ~ 30.00
	6.00	7.71	10.29	—	24.00	7.90 ~ 41.00
07+09+15	5.42	6.97	11.61	—	24.00	10.90 ~ 30.00
	5.42	6.97	11.61	—	24.00	7.90 ~ 41.00
07+09+18	4.94	6.35	12.71	—	24.00	10.90 ~ 30.00
	4.94	6.35	12.71	—	24.00	7.90 ~ 41.00

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3MXL24QMVJU Capacity Tables



Combination of indoor unit	Cooling Capacity of each indoor unit				Heating Capacity of each indoor unit	
	Each Capacity				Total Indoor Unit Capacity	
	A room	B room	C room	D room	Rating	(min ~ max)
07+12+12	5.42	9.29	9.29	—	24.00	10.30 ~ 30.00
	5.43	9.29	9.29	—	24.00	7.90 ~ 41.00
07+12+15	4.94	8.47	10.59	—	24.00	10.90 ~ 30.00
	4.94	8.47	10.58	—	24.00	7.90 ~ 41.00
07+12+18	4.54	7.78	11.68	—	24.00	10.90 ~ 30.00
	4.54	7.78	11.68	—	24.00	7.90 ~ 41.00
07+15+15	4.55	9.73	9.73	—	24.00	11.20 ~ 30.00
	4.53	9.73	9.73	—	24.00	7.90 ~ 40.80
09+09+09	8.00	8.00	8.00	—	24.00	10.20 ~ 30.00
	8.00	8.00	8.00	—	24.00	7.90 ~ 41.00
09+09+12	7.20	7.20	9.61	—	24.00	10.30 ~ 30.00
	7.20	7.20	9.60	—	24.00	7.90 ~ 41.00
09+09+15	6.55	6.55	10.91	—	24.00	10.90 ~ 30.00
	6.55	6.55	10.90	—	24.00	7.90 ~ 41.00
09+09+18	6.00	6.00	12.01	—	24.00	10.90 ~ 30.00
	6.00	6.00	11.99	—	24.00	7.90 ~ 41.00
09+12+12	6.55	8.73	8.73	—	24.00	10.30 ~ 30.00
	6.54	8.73	8.73	—	24.00	7.90 ~ 41.00
09+12+15	6.00	8.00	10.00	—	24.00	10.90 ~ 30.00
	6.00	8.00	10.00	—	24.00	7.90 ~ 41.00
09+12+18	5.54	7.38	11.08	—	24.00	10.90 ~ 30.00
	5.54	7.38	11.08	—	24.00	7.90 ~ 41.00
09+15+15	5.54	9.23	9.23	—	24.00	11.20 ~ 30.00
	5.54	9.23	9.23	—	24.00	7.90 ~ 40.40
12+12+12	8.00	8.00	8.00	—	24.00	10.40 ~ 30.00
	8.00	8.00	8.00	—	24.00	7.90 ~ 41.00
12+12+15	7.38	7.38	9.24	—	24.00	11.00 ~ 30.00
	7.38	7.38	9.23	—	24.00	7.90 ~ 40.80

Ducted, 60 Hz, 208-230V

Combination of indoor unit	Cooling Capacity of each indoor unit					
	Heating Capacity of each indoor unit					
	Each Capacity				Total Indoor Unit Capacity	
	A room	B room	C room	D room	Rating	(min ~ max)
09	9.00	—	—	—	9.00	7.30 ~ 10.50
	11.30	—	—	—	11.30	7.40 ~ 12.50
12	12.00	—	—	—	12.00	7.30 ~ 14.00
	15.00	—	—	—	15.00	7.40 ~ 16.70
15	15.00	—	—	—	15.00	8.10 ~ 17.50
	18.80	—	—	—	18.80	7.50 ~ 20.80
18	18.00	—	—	—	18.00	8.10 ~ 21.00
	18.80	—	—	—	18.80	7.50 ~ 25.00
09+09	9.00	9.00	—	—	18.00	8.80 ~ 21.00
	11.05	11.05	—	—	22.10	7.60 ~ 25.00
09+12	8.48	11.31	—	—	19.80	8.80 ~ 23.00
	9.90	13.19	—	—	23.10	7.60 ~ 28.70
09+15	8.10	13.50	—	—	21.60	9.40 ~ 25.00
	8.93	14.88	—	—	23.80	7.70 ~ 32.30
09+18	7.80	15.60	—	—	23.40	9.40 ~ 27.00
	8.00	16.00	—	—	24.00	7.70 ~ 36.00
12+12	10.80	10.80	—	—	21.60	8.80 ~ 25.00
	11.90	11.90	—	—	23.80	7.60 ~ 32.30
12+15	10.40	13.00	—	—	23.40	9.40 ~ 27.00
	10.67	13.33	—	—	24.00	7.70 ~ 36.00
12+18	9.60	14.40	—	—	24.00	9.40 ~ 27.00
	9.60	14.40	—	—	24.00	7.70 ~ 36.00
15+15	12.00	12.00	—	—	24.00	9.90 ~ 27.00
	12.00	12.00	—	—	24.00	7.70 ~ 36.00
15+18	10.91	13.09	—	—	24.00	9.90 ~ 27.00
	10.91	13.09	—	—	24.00	7.70 ~ 36.00
18+18	12.00	12.00	—	—	24.00	9.90 ~ 27.00
	12.00	12.00	—	—	24.00	7.70 ~ 36.00
09+09+09	7.80	7.80	7.80	—	23.40	9.90 ~ 27.00
	8.00	8.00	8.00	—	24.00	7.80 ~ 36.00
09+09+12	7.20	7.20	9.60	—	24.00	9.90 ~ 27.00
	7.20	7.20	9.59	—	24.00	7.80 ~ 36.00
09+09+15	6.55	6.55	10.91	—	24.00	10.40 ~ 27.00
	6.55	6.55	10.91	—	24.00	7.80 ~ 36.00
09+09+18	6.00	6.00	12.01	—	24.00	10.40 ~ 27.00
	6.00	6.00	12.00	—	24.00	7.80 ~ 36.00
09+12+12	6.55	8.73	8.73	—	24.00	9.90 ~ 27.00
	6.56	8.73	8.73	—	24.00	7.80 ~ 36.00
09+12+15	6.00	8.00	10.00	—	24.00	10.40 ~ 27.00
	6.00	8.00	10.00	—	24.00	7.80 ~ 36.00
09+12+18	5.54	7.38	11.08	—	24.00	10.40 ~ 27.00
	5.54	7.38	11.08	—	24.00	7.80 ~ 36.00
09+15+15	5.54	9.23	9.23	—	24.00	10.70 ~ 27.00
	5.54	9.23	9.23	—	24.00	7.80 ~ 36.00
12+12+12	8.00	8.00	8.00	—	24.00	9.90 ~ 27.00
	8.00	8.00	8.00	—	24.00	7.80 ~ 36.00
12+12+15	7.38	7.38	9.23	—	24.00	10.40 ~ 27.00
	7.38	7.38	9.23	—	24.00	7.80 ~ 36.00

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