

Job Name:	
Tag#	



Submittal Data Sheet

3MXL24RMVJU

3 Port, 2-Ton Outdoor Heat Pump



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.*

Outdoor Specifications

Compressor	Hermetically Sealed Swing Type			
Refrigerant	R-410A			
Factory Charge (Lbs)	6.17			
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 Pressure 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			

Efficiency

	SEER	EER	HSPF	COP
Non-Ducted	18	12.7	12.5	3.41
Ducted	14	9.9	8.2	3.26
Mixed	15.95	11.3	10.35	3.33

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

Electrical

	208/60/1	230/60/1
System MCA	22.6	22.6
System MFA	25	25
Compressor RLA	17.5	17.5
Outdoor fan motor FLA	.42	.42
Outdoor fan motor W	122	122

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)

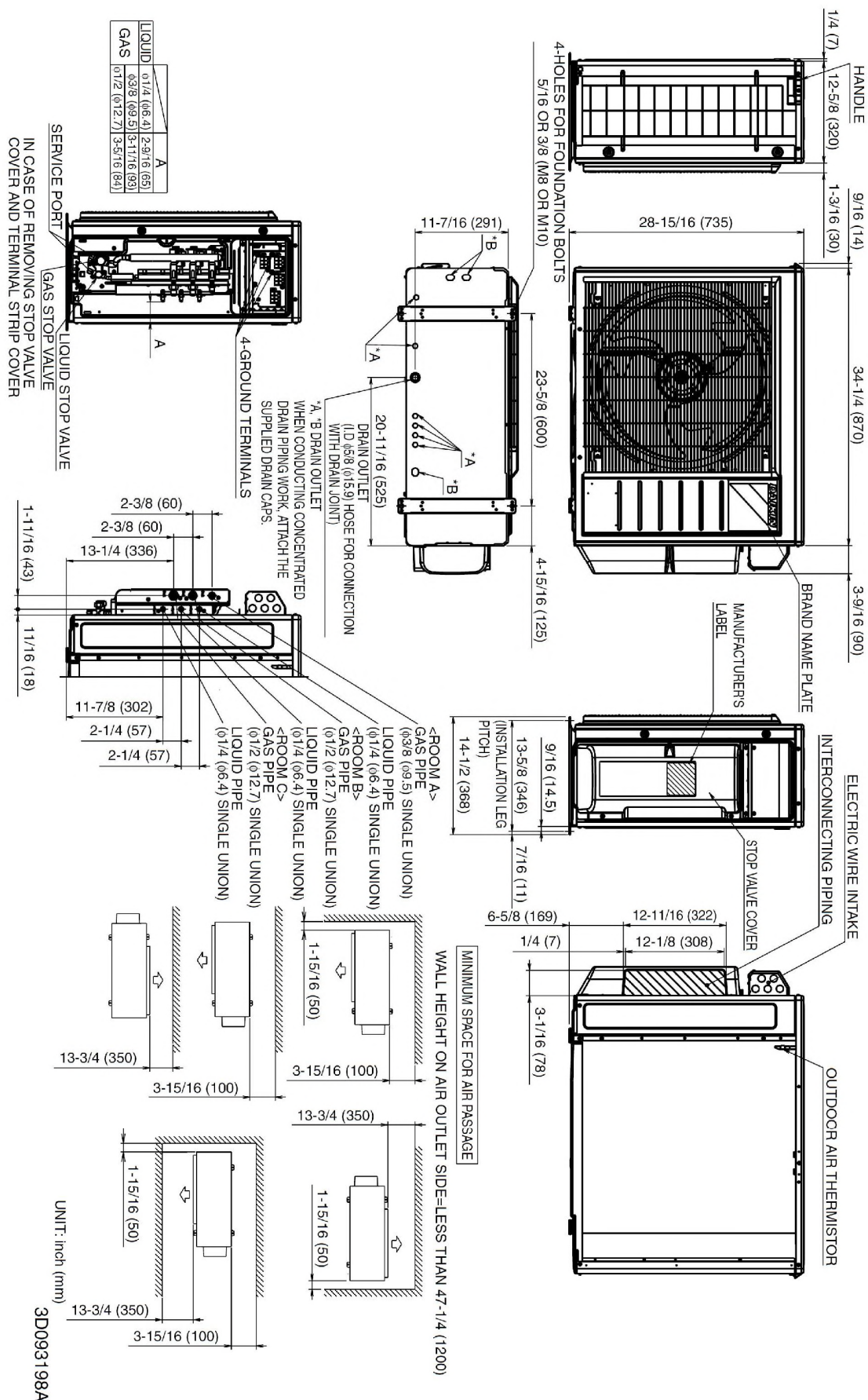
Piping

Liquid (in)	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

Daikin North America LLC 5151 San Felipe, Suite 500 Houston, TX 77056

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3MXL24RMVJU Dimensional Data



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Submittal Revision Date: May 2018

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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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3MXL24RMVJU 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)
07	7.00	—	—	—	7.00	6.90 - 9.30
	8.8	—	—	—	8.8	7.40 - 9.70
09	9.00	—	—	—	9.00	7.30 - 10.50
	11.3	—	—	—	11.3	7.40 - 12.50
12	12.00	—	—	—	12.00	7.30 - 14.00
	15	—	—	—	15	7.40 - 16.70
15	15.00	—	—	—	15.00	8.10 - 17.50
	18.8	—	—	—	18.8	7.50 - 20.80
18	18.00	—	—	—	18.00	8.10 - 21.00
	18.8	—	—	—	18.8	7.50 - 25.00
07+07	7.00	7.00	—	—	14.00	8.80 - 16.30
	8.75	8.75	—	—	17.5	7.60 - 19.40
07+09	7.11	8.89	—	—	16.00	8.80 - 18.70
	8.75	11.25	—	—	20	7.60 - 22.20
07+12	6.87	12.03	—	—	18.90	8.80 - 21.80
	8.36	14.34	—	—	22.7	7.60 - 26.40
07+15	6.11	15.29	—	—	21.40	9.40 - 24.20
	7.45	15.95	—	—	23.4	7.70 - 30.70
07+18	6.00	18.00	—	—	24.00	9.40 - 26.60
	6.72	17.27	—	—	24	7.70 - 35.00
09+09	9.00	9.00	—	—	18.00	8.80 - 21.00
	11.05	11.05	—	—	22.1	7.60 - 25.00
09+12	8.58	12.02	—	—	20.60	8.80 - 23.40
	9.9	13.19	—	—	23.1	7.60 - 29.30
09+15	7.70	15.40	—	—	23.10	9.40 - 25.80
	8.93	14.88	—	—	23.8	7.70 - 33.60
09+18	7.06	16.94	—	—	24.00	9.40 - 27.00
	8	16	—	—	24	7.70 - 36.00
12+12	11.55	11.55	—	—	23.10	8.80 - 25.80
	11.9	11.9	—	—	23.8	7.60 - 33.60
12+15	9.88	14.12	—	—	24.00	9.40 - 27.00
	10.67	13.33	—	—	24	7.70 - 36.00
12+18	8.84	15.16	—	—	24.00	9.40 - 27.00
	9.6	14.4	—	—	24	7.70 - 36.00
15+15	12.00	12.00	—	—	24.00	9.90 - 27.00
	12	12	—	—	24	7.70 - 36.00
15+18	10.91	13.09	—	—	24.00	9.90 - 27.00
	10.91	13.09	—	—	24	7.70 - 36.00
18+18	12.00	12.00	—	—	24.00	9.90 - 27.00
	12	12	—	—	24	7.70 - 36.00
07+07+07	6.87	6.87	6.87	—	20.60	9.90 - 23.40
	7.7	7.7	7.7	—	23.1	7.80 - 29.30
07+07+09	6.86	6.86	8.58	—	22.30	9.90 - 25.00
	7.18	7.18	9.23	—	23.6	7.80 - 32.10

3MXL24RMVJU 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+07+12	6.40	6.40	11.20	—	24.00	9.90 - 26.60
	6.46	6.46	11.07	—	24	7.80 - 35.10
07+07+15	5.33	5.33	13.33	—	24.00	10.40 - 26.70
	5.79	5.79	12.4	—	24	7.80 - 35.40
07+07+18	4.80	4.80	14.40	—	24.00	10.40 - 26.90
	5.25	5.25	13.5	—	24	7.80 - 35.60
07+09+09	6.86	8.57	8.57	—	24.00	9.90 - 26.60
	6.72	8.64	8.64	—	24	7.80 - 35.00
07+09+12	6.00	7.50	10.50	—	24.00	9.90 - 26.70
	6	7.71	10.29	—	24	7.80 - 35.30
07+09+15	5.05	6.32	12.63	—	24.00	10.40 - 26.80
	5.42	6.97	11.61	—	24	7.80 - 35.50
07+09+18	4.57	5.71	13.71	—	24.00	10.40 - 26.90
	4.94	6.35	12.7	—	24	7.80 - 35.80
07+12+12	5.33	9.33	9.33	—	24.00	9.90 - 26.80
	5.41	9.29	9.29	—	24	7.80 - 35.50
07+12+15	4.57	8.00	11.43	—	24.00	10.40 - 26.90
	4.94	8.47	10.59	—	24	7.80 - 35.80
07+12+18	4.17	7.30	12.52	—	24.00	10.40 - 27.00
	4.54	7.78	11.67	—	24	7.80 - 36.10
07+15+15	4.00	10.00	10.00	—	24.00	10.70 - 27.00
	4.54	9.73	9.73	—	24	7.80 - 36.10
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