




## Submittal Data Sheet

<b>Set Code</b>	22022310003045		
Indoor unit code	22022011016623		
Outdoor unit code	22022316001285		
<b>Set Model</b>			
Indoor unit model	DSAG11B-09HRFN1-MX7W(GA)*3		
Outdoor unit model	D3OJ-27HFN1-M		
<b>Certified</b>			
AHRI			
UL			
			



### SYSTEM PERFORMANCE DATA

<b>Power supply</b>			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph,	60Hz
Voltage Range	(V)	187-253	
<b>Electrical</b>			
Minimum circuit ampacity	(A)	24.5	
Max.fuse	(A)	30.0	
Connection wiring	14AWG*4 Stranded, unshielded		
<b>Cooling</b>			
Capacity	(Btu/h)	27000(8500~32000)	
Power Input	(W)	2250(310~3200)	
Current	(A)	11(3.3~15.0)	
SEER2	(Btu/W)	23.5	
EER2	(Btu/W)	12.2	
<b>Heating</b>			
Capacity	(Btu/h)	28000(8200~35000)	
Power Input	(W)	2250(480~3170)	
Current	(A)	11(4.1~14.6)	
HSPF2.4	(Btu/W)	9.2	
HSPF2.5	(Btu/W)	7.1	
COP	W/W	3.65	
Heat at 17F(H32)	(Btu/h)	20000	
Heat at 5F(H42)	(Btu/h)	19000	
COP at 5F(H42)	W/W	2.00	

### REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	91.7
Refrigerant precharge	(ft)	25x3
Additional charge for each ft (φ 6.35 (1/4") liquid pipe)	(oz/ft)	0.16
	(g/ft)	15.0
Additional charge for each ft (φ 9.52 (3/8") liquid pipe)	(oz/ft)	0.32
	(g/ft)	30.0
Liquid side	(inch)	3x1/4"
	(mm)	3x6.35
Gas side	(inch)	3x3/8"
	(mm)	3x9.52
Max. length for all rooms	(ft)	196.9
	(m)	60.0
Max. length for one indoor unit	(ft)	98.4
	(m)	30.0
Max. height difference between indoor and outdoor unit	(ft)	49.2
	(m)	15.0
Max. height difference between indoor units	(ft)	33.0
	(m)	10.0

### OUTDOOR UNIT DATA

Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15 ~ 50
Outdoor(heating)	(Deg. °F)	-13 ~ 75
	(Deg. °C)	-25 ~ 24

### COMPRESSOR

Type	Twin-ROTARY	
Model	KTM240D43UKT	
Brand	GMCC	
Capacity	(Btu/h)	25931
Input	(W)	2045
Rated current (RLA)	(A)	14
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 620

### OUTDOOR FAN MOTOR

Model	ZKFN-120-8-2	
Qty	1	
Input	(W)	150.00
Output	(W)	120.00
RLA	(A)	1.70
Speed	(r/min)	1050/900/850

### AIR FLOW & NOISE LEVEL

Outdoor air flow (Max.)	(CFM)	2129.41
Outdoor noise level	[dB(A)]	60.00

### OUTDOOR UNIT

Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	139.77/150.57
	(kg)	63.4/68.3

Outdoor unit dimension

