

SUBMITTAL DATA SHEET

Multi Zone Heat Pump	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Code	
Indoor unit code	
Outdoor unit code	
Set Model	
Indoor unit model	IDUMSEPB-09HRFN1MY5W(GA)*3
Outdoor unit model	ODUM3OK-27HFN1-M
Certified	



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	25.0	
Max.fuse	(A)	40.0	
Connection wiring		14AWG*4 Stranded, unshielded	
Cooling			
Capacity	(Btu/h)	28000(8000~32800)	
Power Input	(W)	2240(275~3493)	
Current	(A)	12.4(2.43~15.55)	
SEER2	(Btu/W)	23.0	
EER2	(Btu/W)	12.5	
Heating			
Capacity	(Btu/h)	28000(5000~38500)	
Power Input	(W)	2240(303~4074)	
Current	(A)	10.5(2.26~18.08)	
HSPF2-4	(Btu/W)	10.6	
HSPF2-5	(Btu/W)	8.1	
COP	W/W	3.66	
Heat at 17F(H32)	(Btu/h)	26600	
Heat at 5F(H42)	(Btu/h)	25000	
COP at 5F(H42)	W/W	1.80	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type		R410A	
Refrigerant charge	oz	134.0	
Refrigerant precharge	(ft)	25x3	
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)	0.16	
	(g/ft)	15.0	
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)	0.32	
	(g/ft)	30.0	
Liquid side	(inch)	3x1/4"	
	(mm)	3x6.35	
Gas side	(inch)	2x3/8"+1x1/2"	
	(mm)	2x9.52+1x12.7	
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(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15 ~ 50
Outdoor(heating)	(Deg. °F)	-22 ~ 75
	(Deg. °C)	-30 ~ 24
OUTDOOR UNIT DATA		
Compressor		
Type		ROTARY
Model		KTF310D43UMT
Brand		GMCC
Capacity	(Btu/h)	34154
Input	(W)	2765
Rated current (RLA)	(A)	17.5
Refrigerant oil/oil charge	(ml)	VG74/1000
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150.00
Output	(W)	120.00
RLA	(A)	1.00
Speed	(r/min)	1000/900/750
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2147.06
Outdoor noise level	[dB(A)]	63.00
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.)	167.99/179.67
	(kg)	76.2/81.5

Outdoor unit dimension

