




SUBMITTAL DATA SHEET

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

<b>Set Code</b>	22022310003083
Indoor unit code	22022011017962
Outdoor unit code	22022316001405
<b>Set Model</b>	
Outdoor unit model	EZ-27Z-M3
<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)		26
Max.fuse	(A)		40
Connection wiring		14AWG*4	Stranded, unshielded
<b>Cooling</b>			
Capacity	(Btu/h)	27000(8600~30800)	
Power Input	(W)	2250(325~3300)	
Current	(A)	11.5(2.3~14.5)	
SEER2	(Btu/W)		22.0
EER2	(Btu/W)		12.0
<b>Heating</b>			
Capacity	(Btu/h)	27000(8500~29000)	
Power Input	(W)	2140(470~3150)	
Current	(A)	10.5(3.4~13.5)	
HSPF2-4	(Btu/W)		9.5
HSPF2-5	(Btu/W)		7.3
COP	W/W		3.70
Heat at 17F(H32)	(Btu/h)		20000
Heat at 5F(H42)	(Btu/h)		19000
COP at 5F(H42)	W/W		1.90

	(Deg. °F)	5~122
Outdoor(cooling)	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. °F)	(-13)~75.2
	(Deg. °C)	-25~24

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)		550/340
Refrigerant Type			R410A
Refrigerant charge	oz		91.7
Refrigerant precharge	(ft)	#REF!	
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)		3x1/4in
	(mm)		3x6.35mm
Gas side	(inch)		3x3/8in
	(mm)		3x9.52mm
Max. length for all rooms	(ft)		172.24
	(m)		52.5
Max. length for one indoor unit	(ft)		73.82
	(m)		22.5
Max. height difference between indoor and outdoor unit	(ft)		32.81
	(m)		10
Max. height difference between indoor units	(ft)		33.0
	(m)		10.0

OUTDOOR UNIT DATA			
<b>Compressor</b>			
Type			Twin-ROTARY
Model			KTM240D5UMT
Brand			GMCC
Capacity	(Btu/h)		26409
Input	(W)		2085
Rated current (RLA)	(A)		17
Refrigerant oil/oil charge	(ml)		ESTER OIL VG74 670
<b>Outdoor fan motor</b>			
Model			ZKFN-120-8-2
Qty			1
Input	(W)		150
Output	(W)		120.00
RLA	(A)		1.7
Speed	(r/min)		1050/900/850
<b>Air flow &amp; Noise level</b>			
Outdoor air flow (Max.)	(CFM)		2129.41
Outdoor noise level	[dB(A)]		61
<b>Outdoor unit</b>			
Dimension (W×D×H)	(inch)		37.24x16.14x31.89
	(mm)		946x410x810
Packing (W×D×H)	(inch)		42.91x19.88x37.01
	(mm)		1090x505x940
Net/ Gross weight	(lbs.)		139.99/157.19
	(kg)		63.5/71.3

Outdoor unit dimension

