





SUBMITTAL DATA SHEET

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

Set Code	22022310002863
Indoor unit code	22022011017962
Outdoor unit code	22022316001425
Set Model	
Outdoor unit model	EZ-36Z-M4
Certified	
AHRI	
UL	



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)		27
Max.fuse	(A)		45
Connection wiring		14AWG*4	Stranded, unshielded
Cooling			
Capacity	(Btu/h)	36000(10200~38500)	
Power Input	(W)	3440(183~4480)	
Current	(A)	15(1.5~15)	
SEER2	(Btu/W)		21.5
EER2	(Btu/W)		10.5
Heating			
Capacity	(Btu/h)	36000(7600~37000)	
Power Input	(W)	3350(450~4400)	
Current	(A)	13.5(2.7~18)	
HSPF2-4	(Btu/W)		8.8
HSPF2-5	(Btu/W)		6.8
COP	W/W		3.15
Heat at 17F(H32)	(Btu/h)		26000
Heat at 5F(H42)	(Btu/h)		24000
COP at 5F(H42)	W/W		1.68

Outdoor(cooling)	(Deg. °F)	5~122
	(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		134.0
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)		4x1/4in
	(mm)		4x6.35mm
Gas side	(inch)		3x3/8in+1x1/2in
	(mm)		3x9.52mm+1x12.7mm
Max. length for all rooms	(ft)		221.45
	(m)		67.5
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			
Compressor			
Type			ROTARY
Model			KTF310D43UMT
Brand			GMCC
Capacity	(Btu/h)		34154
Input	(W)		2765
Rated current (RLA)	(A)		18
Refrigerant oil/oil charge	(ml)		VG74/1000
Outdoor fan motor			
Model			ZKFN-120-8-2
Qty			1
Input	(W)		150
Output	(W)		120.00
RLA	(A)		1.0
Speed	(r/min)		1000/900/750
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		2147.06
Outdoor noise level	[dB(A)]		65
Outdoor unit			
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.)		170.42/187.83
	(kg)		77.3/85.2

Outdoor unit dimension

