



SUBMITTAL DATA SHEET

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

<b>Set Code</b>	22022310003209
Indoor unit code	22022011017962
Outdoor unit code	22022316001445
<b>Set Model</b>	
Outdoor unit model	EZ-18Z-M2
<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)	18
Max.fuse	(A)	25
Connection wiring		14AWG*4 Stranded, unshielded
<b>Cooling</b>		
Capacity	(Btu/h)	18000(5000~21000)
Power Input	(W)	1441(220~2050)
Current	(A)	6.5(1.8~9.0)
SEER2	(Btu/W)	21.2
EER2	(Btu/W)	12.5
<b>Heating</b>		
Capacity	(Btu/h)	19000(5200~21600)
Power Input	(W)	1580(320~2030)
Current	(A)	7.1(2.5~8.9)
HSPF2-4	(Btu/W)	9.6
HSPF2-5	(Btu/W)	7.5
COP	W/W	3.52
Heat at 17F(H32)	(Btu/h)	13500
Heat at 5F(H42)	(Btu/h)	14000
COP at 5F(H42)	W/W	2.00

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	65.3
Refrigerant precharge	(ft)	#REF!
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)	0.16
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)	0.32
Liquid side	(inch)	2x1/4in
	(mm)	2x6.35mm
Gas side	(inch)	2x3/8in
	(mm)	2x9.52mm
Max. length for all rooms	(ft)	123.03
	(m)	37.5
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		KTN150D30UFZA
Brand		GMCC
Capacity	(Btu/h)	16139
Input	(W)	1250
Rated current (RLA)	(A)	10.0
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 450
<b>Outdoor fan motor</b>		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80.00
RLA	(A)	1.0
Speed	(r/min)	750/600/500
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	59
<b>Outdoor unit</b>		
Dimension (W×D×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H)	(inch)	40.55x17.24x29.53
	(mm)	1030x438x750
Net/ Gross weight	(lbs.)	100.53/111.11
	(kg)	45.6/50.4

Outdoor unit dimension

