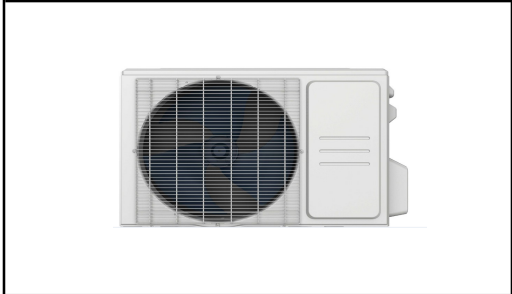


SUBMITTAL DATA SHEET



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

Set Code	22022310003169
Indoor unit code	22022011016623
Outdoor unit code	22022316001345
Set Model	
Indoor unit model	MIU-A09W-2
Outdoor unit model	MOU-2A18G-2
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)	18.0
Max.fuse	(A)	25.0
Connection wiring		14AWG*4 Stranded, unshielded
Cooling		
Capacity	(Btu/h)	18000(4950-23000)
Power Input	(W)	1440(217-2026)
Current	(A)	6.4(1.76-8.91)
SEER2	(Btu/W)	21.0
EER2	(Btu/W)	12.5
Heating		
Capacity	(Btu/h)	19000(4900-23000)
Power Input	(W)	1550(317-1959)
Current	(A)	6.7(2.41-8.61)
HSPF2-4	(Btu/W)	10.2
HSPF2-5	(Btu/W)	7.7
COP	W/W	3.59
Heat at 17F(H32)	(Btu/h)	14400
Heat at 5F(H42)	(Btu/h)	12600
COP at 5F(H42)	W/W	2.00

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

REFRIGERANT PIPE DATA		
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	65.3
Refrigerant precharge	(ft)	25x2
Additional charge for each ft (Φ 6.35 (1/4") liquid pipe)	(oz/ft)	0.16
Additional charge for each ft (Φ 9.52 (3/8") liquid pipe)	(g/ft)	15.0
	(oz/ft)	0.32
	(g/ft)	30.0
Liquid side	(inch)	2x1/4"
	(mm)	2x6.35
Gas side	(inch)	2x3/8"
	(mm)	2x9.52
Max. length for all rooms	(ft)	131.2
	(m)	40.0
Max. length for one indoor unit	(ft)	82.0
	(m)	25.0
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		
Compressor		
Type		Twin-ROTARY
Model		KTN150D30UFZA
Brand		GMCC
Capacity	(Btu/h)	16139
Input	(W)	1250
Rated current (RLA)	(A)	/
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 450
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80.00
RLA	(A)	/
Speed	(r/min)	750/600/500
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	59.50
Outdoor unit		
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.)	100.31/108.69
	(kg)	45.5/49.3

Outdoor unit dimension

