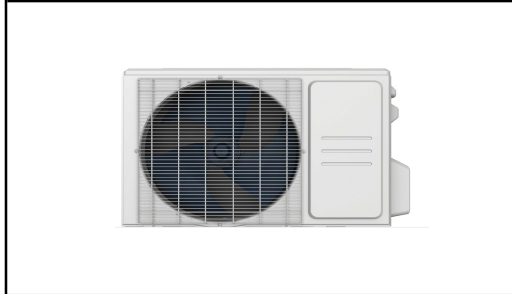


SUBMITTAL DATA SHEET



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

<b>Set Code</b>	22022310003167
Indoor unit code	22023011003874
Outdoor unit code	22022316001345
<b>Set Model</b>	
Indoor unit model	MIU-A09D-2
Outdoor unit model	MOU-2A18G-2
<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)	18.0	
Max.fuse	(A)	25.0	
Connection wiring		14AWG*4 Stranded, unshielded	
<b>Cooling</b>			
Capacity	(Btu/h)	18000(3850-22400)	
Power Input	(W)	1500(120-2074)	
Current	(A)	6.83(1.33-9.31)	
SEER2	(Btu/W)	19.0	
EER2	(Btu/W)	12.0	
<b>Heating</b>			
Capacity	(Btu/h)	19000(4350-25800)	
Power Input	(W)	1538(334-2091)	
Current	(A)	6.5(2.65-9.39)	
HSPF2-4	(Btu/W)	9.8	
HSPF2-5	(Btu/W)	7.6	
COP	W/W	3.62	
Heat at 17F(H32)	(Btu/h)	14800	
Heat at 5F(H42)	(Btu/h)	13300	
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			
<b>Compressor</b>			
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	
<b>Outdoor fan motor</b>			
Model		ZKFN-80-8-3	
Qty		1	
Input	(W)	/	
Output	(W)	80.00	
RLA	(A)	/	
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)]	58.50	
<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.)	100.31/108.69	
	(kg)	45.5/49.3	

Outdoor unit dimension

