



Submittal Data Sheet

Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

Outdoor code	22022316000327
Outdoor unit factory model	US1-KFR78W/BP3T3N1-D30
Model	MCH3U-27PHH2 Oasis
Indoor	CS11M-09HRFN1-MX0W(A)*3
Outdoor	M3OF-27HFN1-M



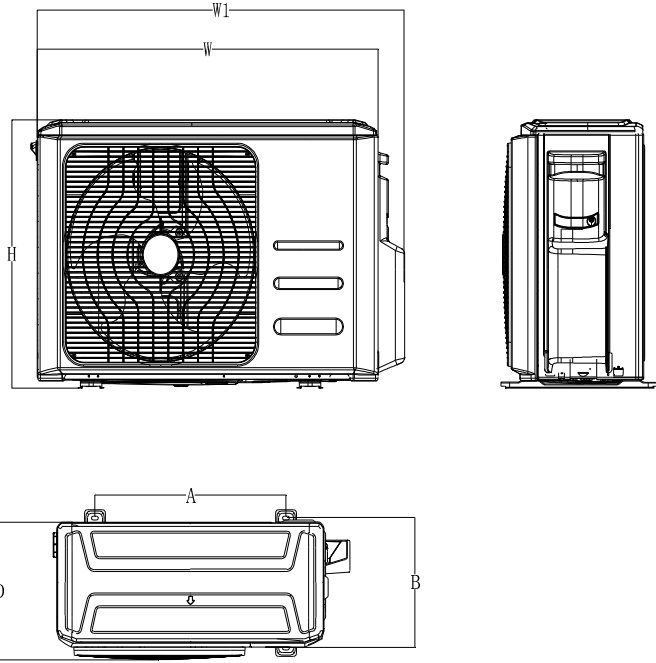
PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling		
Capacity	Btu/h	28000
Input	W	2240
Rated current	A	9.7
EER	Btu/w	12.5
SEER	Btu/w	23
Heating		
Capacity	Btu/h	28000
Input	W	2104
Rated current	A	9.1
COP	W/W	3.9
HSPF4		10.3
HSPF5		8.5
heating at 17F	Btu/h	17200
heating at 5 F (-15°C)	Btu/h	21900
MINIMUM CIRCUIT AMPACITY	A	25.0
MAX.FUSE	A	35.0
Compressor Electrical		
Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current(RLA)	A	20
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		----
Refrigerant oil/oil charge	ml	POE(VG74)/670
Connection wiring		-----
Plug type		-----
Thermostat type		Remote control

Outdoor fan motor		
Model		ZKFN-120-8-2
Brand		Welling
Input		120(Output)
RLA	A	0.9
LRA	A	--
Winding Resistance	Ω	--
Capacitor	uF	--
Speed	r/min	150/200/250/300/400/500/600/750/900/10000
Air flow & Noise level		
Outdoor air flow	CFM	2130
Outdoor noise level	dB(A)	63.4
Outdoor unit		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.06
Net/Gross weight	lbs.	149.91/160.94
Ambient temperature		
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86

SYSTEM DATA			
Design pressure	MPa	550/340	
Refrigerant type	oz	R410A/98.8	
Refrigerant precharge	ft	25	
Additional charge per ft.	oz	0.161	
Liquid side/ Gas side	mm(in)	3 X Φ6.35/Φ9.52(1/4"/3/8")	
Max. length for all rooms	ft	148	
Max. length for one indoor unit	ft.	82	
Max. height difference between	OU	ft.	33
	OU lower	ft.	49
Max. height difference between indoor units	ft.		33

OUTDOOR UNIT



Model	W (inch)	D (inch)	H (inch)	W1inch)	A(inch)	B (inch)
M3OF-27HFN1-M	37.24	16.54	31.89	40.55	26.5	15.9