

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

Indoor	Non ducted
Outdoor	CM4-48-4Z



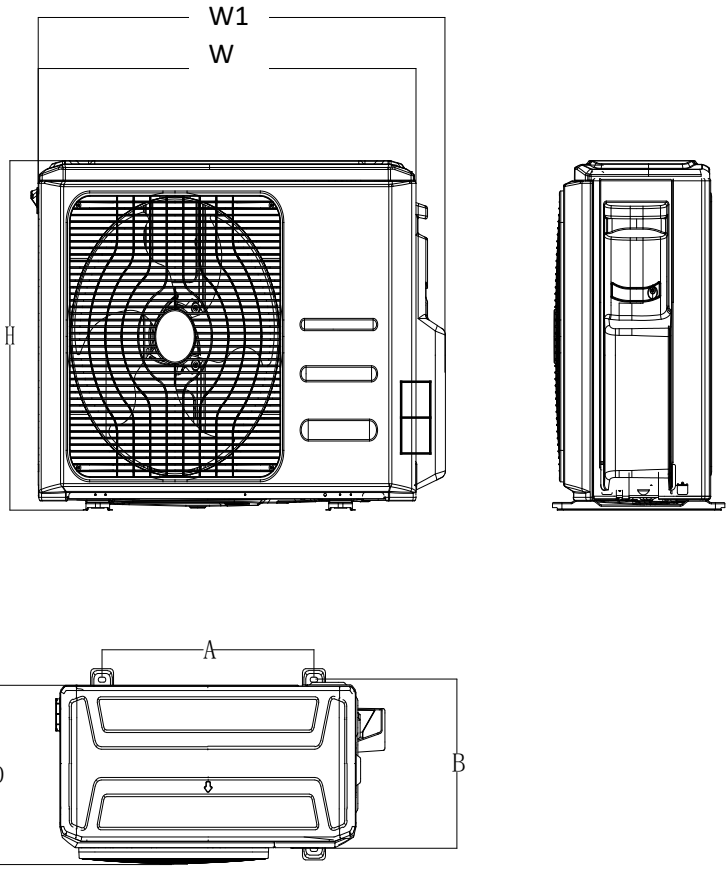
PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph
Cooling		
Capacity	Btu/h	36000
Input	W	3303
Rated current	A	14.4
EER	Btu/w	10.9
SEER	Btu/w	22.5
Heating		
Capacity	Btu/h	36000
Input	W	3404
Rated current	A	14.8
COP	W/W	3.1
HSPF4		10.3
HSPF5		9.0
MINIMUM CIRCUIT AMPACITY	A	30.0
MAX.FUSE	A	45.0
Compressor Electrical		
Model		ATF310D43UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	32380
Input	W	2600
Rated current(RLA)	A	22
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		----
Refrigerant oil/oil charge	ml	PQE(VG74)/1000
Connection wiring		16AWG*4 Stranded, unshielded
Thermostat type		
		Remote control

Outdoor fan motor		
Model		ZKFN-120-8-2
Brand		Welling
Input		150
RLA	A	1.3
LRA	A	--
Winding Resistance	Ω	--
Capacitor	uF	--
Speed	r/min	150-1000
Air flow & Noise level		
Outdoor air flow	CFM	2130
Outdoor noise level	dB(A)	62.3
Outdoor unit		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.45
Net/Gross weight	lbs.	156.53/167.55
Ambient temperature		
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86

SYSTEM DATA			
Design pressure	MPa	550/340	
Refrigerant type	oz	R410A/105.8	
Refrigerant precharge	ft	25	
Additional charge per ft.	oz	0.161	
Liquid side/ Gas side	mm(in)	4 x Φ6.35/3x Φ9.52+1xΦ12.7(4x1/4"/3x3/8"+1x1/2")	
Max. length for all rooms	ft	197	
Max. length for one indoor unit	ft.	115	
Max. height difference between	OU	ft.	49
	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)
4 zone unit	37.24	16.54	31.89	40.55	26.5	15.9