

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

Outdoor	CM4-48-4Z



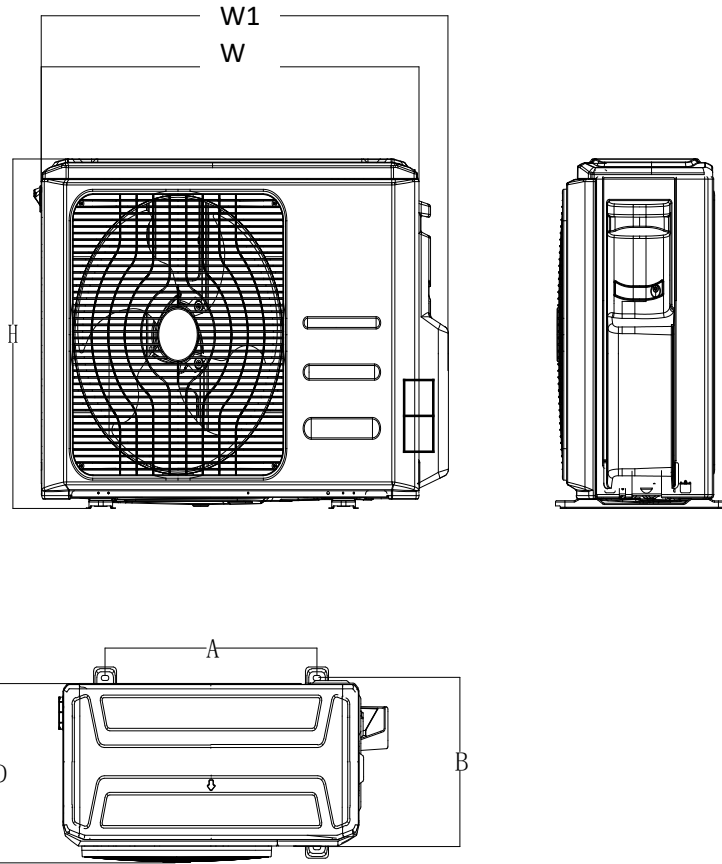
**PERFORMANCE DATA**

Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph
<b>Cooling</b>		
Capacity	Btu/h	36000
Input	W	3600
Rated current	A	15.7
EER	Btu/w	10.0
SEER	Btu/w	17.9
<b>Heating</b>		
Capacity	Btu/h	36000
Input	W	3297
Rated current	A	14.3
COP	W/W	3.2
HSPF4		9.7
HSPF5		8.3
MINIMUM CIRCUIT AMPACITY	A	30.0
MAX.FUSE	A	45.0
<b>Compressor Electrical</b>		
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
<b>Thermostat type</b>		
		Remote control

<b>Outdoor fan motor</b>		
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
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	2130
Outdoor noise level	dB(A)	62.3
<b>Outdoor unit</b>		
Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.06
Net/Gross weight	lbs.	156.53/167.55
<b>Ambient temperature</b>		
Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86

<b>SYSTEM DATA</b>			
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.	98	
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)
4 zone unit	37.24	16.54	31.89	40.55	26.5	15.9