

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

Indoor	Ducted
Outdoor	CM3-27-3Z



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V ~ 60Hz , 1Ph
Cooling		
Capacity	Btu/h	27000
Input	W	2455
Rated current	A	10.7
EER	Btu/w	11.0
SEER	Btu/w	18.5
Heating		
Capacity	Btu/h	27000
Input	W	2261
Rated current	A	9.8
COP	W/W	3.5
HSPF4		9.0
HSPF5		7.6
heating at 17F	Btu/h	16200
heating at 5 F (-15°C)	Btu/h	21000
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		150
RLA	A	0.9
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)	63.4

Outdoor unit

Dimension(W*D*H)	inch	37.24x16.14x31.89
Packing (W*D*H)	inch	42.91x19.69x34.45
Net/Gross weight	lbs.	149.91/160.94

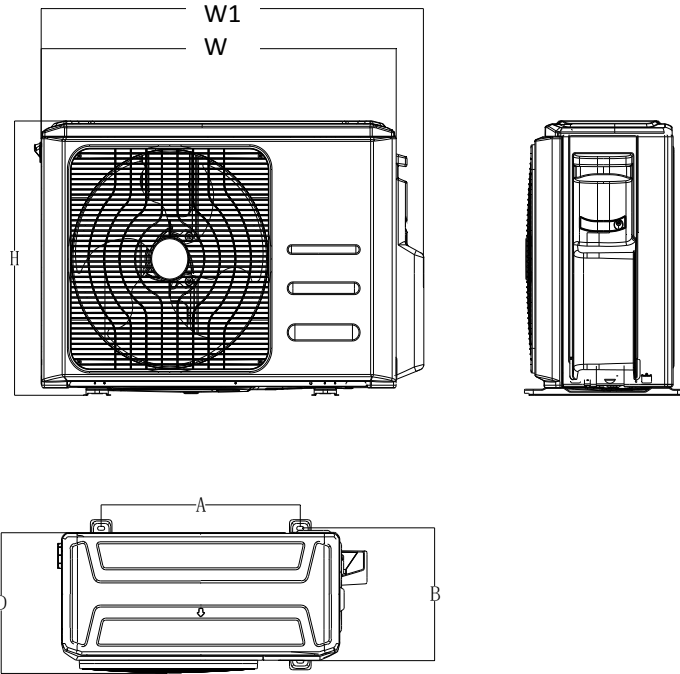
Ambient temperature

Outdoor(cooling/heating)	Deg. F	-13~122/ -13~86
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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 higher	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)
3 zone unit	37.24	16.54	31.89	40.55	26.5	15.9