

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

Indoor	Ducted
Outdoor	CM2-18-2Z



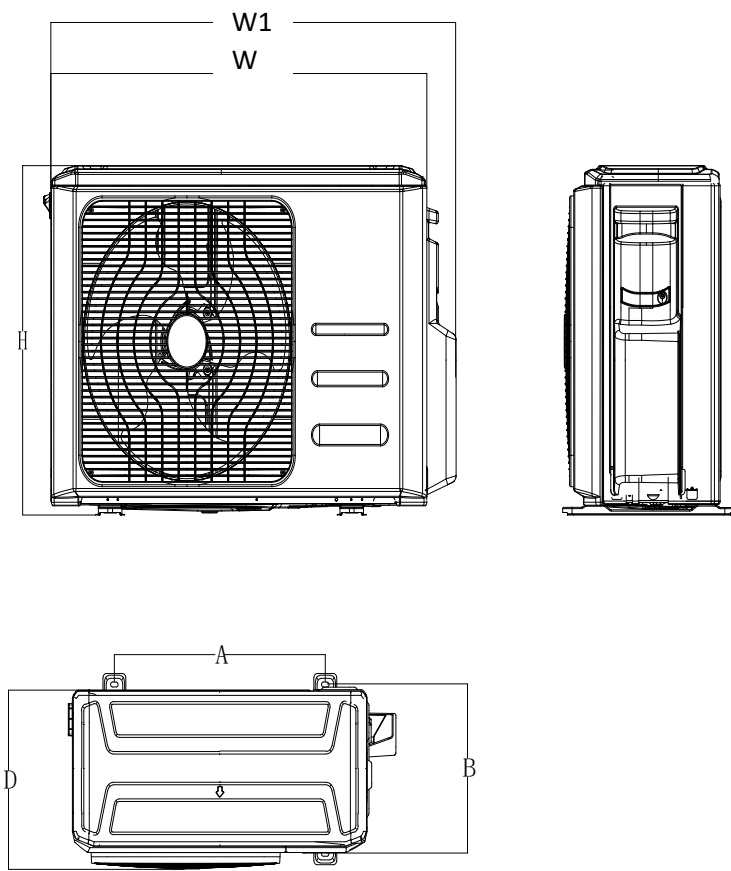
### PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph
<b>Cooling</b>		
Capacity	Btu/h	18000
Input	W	1525
Rated current	A	6.6
EER	Btu/w	11.8
SEER	Btu/w	18.4
<b>Heating</b>		
Capacity	Btu/h	18500
Input	W	1427
Rated current	A	6.2
COP	W/W	3.8
HSPF4		9.4
HSPF5		8.0
MINIMUM CIRCUIT AMPACITY	A	18.0
MAX.FUSE	A	25.0
<b>Compressor Electrical</b>		
Model		ATM150D23UFZ
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	15388
Input	W	1170
Rated current(RLA)	A	10
Locked rotor Amp(LRA)	A	----
Thermal protector		----
Thermal protector position		----
Refrigerant oil/oil charge	ml	VG74/500
Connection wiring		16AWG*4 Stranded, unshielded
<b>Thermostat type</b>		Remote control

<b>Outdoor fan motor</b>		
Model		ZKFN-50-8-2
Brand		Shibaura
Input		115
RLA	A	0.74
LRA	A	--
Winding Resistance	Ω	--
Capacitor	uF	--
Speed	r/min	150-850
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	1390
Outdoor noise level	dB(A)	62.4
<b>Outdoor unit</b>		
Dimension(W*D*H)	inch	33.27x14.29x27.64
Packing (W*D*H)	inch	37.99x15.55x29.72
Net/Gross weight	lbs.	105.82/114.64
<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/70.5	
Refrigerant precharge	ft	25	
Additional charge per ft.	oz	0.161	
Liquid side/ Gas side	mm(in)	2 X Φ6.35/Φ9.52(1/4"/3/8")	
Max. length for all rooms	ft	98	
Max. length for one indoor unit	ft.	66	
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)
2 zone unit	33.3	14.3	27.6	36.0	21.3	13.8