



36000Btu/h	A-Coil
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Code	22023110001287
Indoor unit code	22023111000493
Outdoor unit code	22023116000401
Set Model	
Indoor unit model	MCD30/36C1A
Outdoor unit model	CMA1536SA-1
Certified	AHRI 
	UL 



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	29.0	
Max.fuse	(A)	45.0	
Connection wiring		18AWG	
Cooling			
Rated Capacity	(Btu/h)	32600	
Capacity Range	(Btu/h)	9600-38000	
Power Input (Max)	(W)	2963(580-4245)	
Rated current	(A)	12.88(2.52-18.46)	
SEER	(Btu/W)	15.3	
EER	(Btu/W)	11	

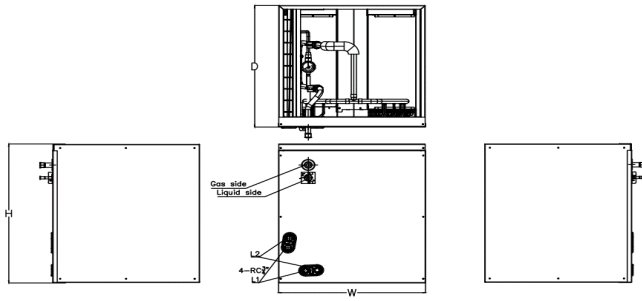
Heating			
Rated Capacity	(Btu/h)	/	
Capacity Range	(Btu/h)	/	
Power Input (Max)	(W)	/	
Rated current	(A)	/	
HSPF4	(Btu/W)	/	
HSPF5	(Btu/W)	/	
COP	W/W	/	
Heating at 5F			
Capacity	(Btu/h)	/	
COP	W/W	/	

REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type		R410A	
Refrigerant charge	(kg)	3.3	
	(oz)	116.40	
Additional charge for each ft	(oz/ft)	0.69	
	(g/m)	65	
Liquid side/ Gas side	(inch)	3/8" / 3/4"	
	(mm)	φ9.52 / φ19	
Max. pipe length	(ft)	213.0	
	(m)	65	
Max. difference in level	(ft)	98.0	
	(m)	30	
Connection method	Indoor	Braze	
	Outdoor	Flared to braze	
Indoor(cooling)	(Deg. °F / °C)	62-90/17-32	
Indoor(heating)	(Deg. / °C)	/	
Outdoor(cooling)	(Deg. / °C)	5-122 / -15- 50	
Outdoor(heating)	(Deg. / °C)	/	

INDOOR UNIT DATA			
Throttle			TXV for Cooling
IRV	inch ³		106.9
Air flow	SCFM		960
Pressure drop	Pa		65.1
	In. wg.		0.26
Indoor unit			
Dimension (WxDxH)	(inch)	20.98x20.98x23.98	
	(mm)	533x533x609	
Packing(WxDxH)	(inch)	23.43x25.59x25.39	
	(mm)	595x650x645	
Net/Gross weight	(lbs.)	66.58/77.16	
	(kg)	30.2/35	

OUTDOOR UNIT DATA			
Compressor			
Type			KTF250D22UMT
Model			ROTARY
Brand			GMCC
Capacity	(Btu/h)		8095
Input	(W)		2200
Rated current (RLA)	(A)		17.81
Refrigerant oil/oil charge	(ml)		VG74/670
Throttle			/
Outdoor fan motor			
Model			ZKFN-120-8-2
Qty			1
Input	(W)		150
RLA	(A)		1.27
Speed	(r/min)		850
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		3000.0
Outdoor noise level	[dB(A)]		62.5
Outdoor unit			
Dimension (W×D×H)	(inch)	37.24x16.14x31.89	
	(mm)	946x410x810	
Packing (W×D×H)	(inch)	42.91x19.69x34.84	
	(mm)	1090x500x885	
Net/ Gross weight	(lbs.)	146.61/157.85	
	(kg)	66.5/71.6	

Indoor unit dimension



Model	Unit	Dimensions (mm)			Drain hole	
		W	D	H	L1	L2
12K-24K	mm	445	533	457	Main drain hole	Overflow drain hole
	inch	17 1/2	21	18		
30K-48K	mm	533	533	609	Main drain hole	Overflow drain hole
	inch	21	21	24		
60K	mm	622	533	711	Main drain hole	Overflow drain hole
	inch	24	21	28		

Outdoor unit dimension

