



#REF!	18000Btu/h	A-Coil
Location: _____ Engineer: _____ _____ Submitted to: _____ _____ Submitted by: _____ _____ Reference: _____		Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

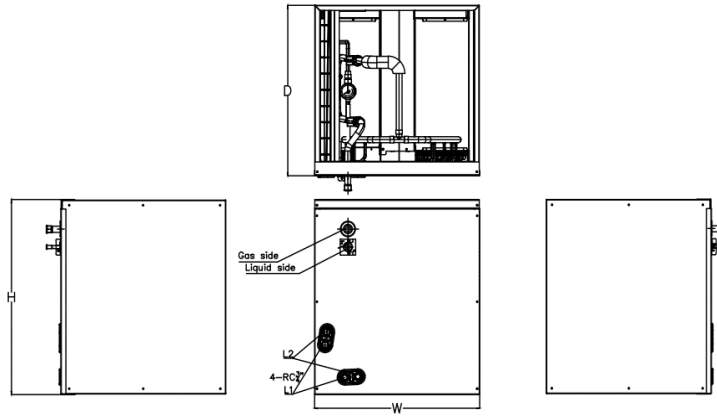
Set Code	22023110001288
Indoor unit code	22023111000491
Outdoor unit code	#####
Set Model	
Indoor unit model	MCD60D1A
Outdoor unit model	CMA1548SA-1
Certified	AHRI 
	UL 



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)	32.0
Max.fuse	(A)	50.0
Connection wiring		18AWG
Cooling		
Rated Capacity	(Btu/h)	44000
Capacity Range	(Btu/h)	13000-52000
Power Input (Max)	(W)	4000(540-5400)
Rated current	(A)	22(2-22)
SEER	(Btu/W)	15.5
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)	4.45
	(oz)	156.97
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 7/8"
	(mm)	φ9.52 / φ22
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. °F / °C)	/
Outdoor(cooling)	(Deg. °F / °C)	5-122 / -15 - 50
Outdoor(heating)	(Deg. / °C)	/

INDOOR UNIT DATA		
Throttle		TXV for Cooling
IRV	inch*3	158
Air flow	SCFM	1015
Pressure drop	Pa	70
	In. wg.	0.28
Indoor unit		
Dimension (WxDxH)	(inch)	24.49x20.98x27.99
	(mm)	622x533x711
Packing(WxDxH)	(inch)	27.17x25.59x29.33
	(mm)	690x650x745
Net/Gross weight	(lbs.)	86.64/98.33
	(kg)	39.3/44.6
OUTDOOR UNIT DATA		
Compressor		
Type		KTQ420D1UMU
Model		ROTARY
Brand		GMCC
Capacity	(Btu/h)	13700
Input	(W)	3700
Rated current (RLA)	(A)	22.1
Refrigerant oil/oil charge	(ml)	VG74/1400
Throttle		
/		
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126
RLA	(A)	2.4
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.0
Outdoor noise level	[dB(A)]	65
Outdoor unit		
Dimension (W×D×H)	(inch)	41.15x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	212.52/244.27
	(kg)	96.4/110.8

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

