



Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Code	2202311000509
Indoor unit code	22023111000270
Outdoor unit code	22023116000163
Set Model	
Indoor unit model	B-VCD30SA-1
Outdoor unit model	A-VCD30SA-1
Certified	AHRI  UL 



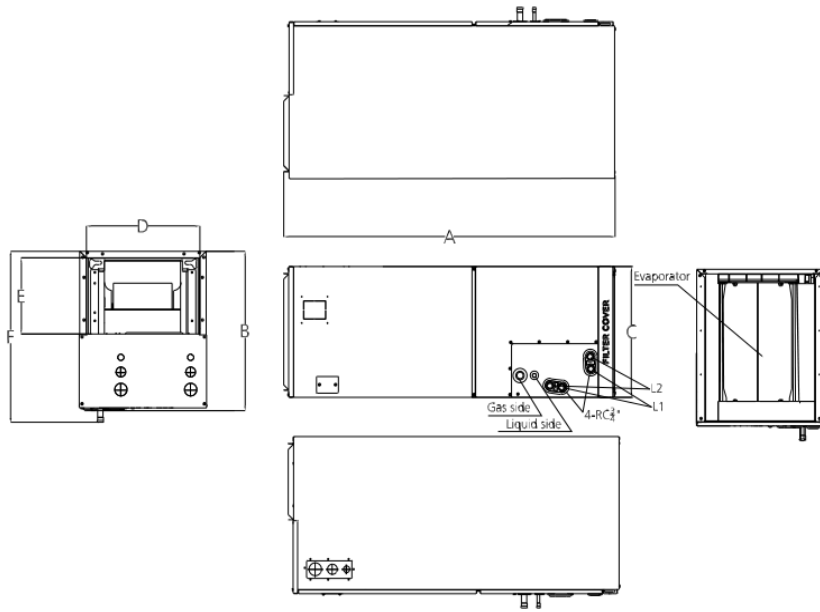
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	23
Max.fuse	(A)	35
Connection wiring		14AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	30000
Capacity Range	(Btu/h)	10400~33600
Power Input	(W)	2720
Rated current	(A)	12.40
SEER	(Btu/W)	18
EER	(Btu/W)	11
Heating at 47F		
Rated Capacity	(Btu/h)	33000
Capacity Range	(Btu/h)	12000~37000
Power Input	(W)	2780
Rated current	(A)	12.50
HSPF4	(Btu/W)	10.5
HSPF5	(Btu/W)	8.4
COP	W/W	3.48

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit Outdoor unit	EEV for cooling EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/134.04
Refrigerant precharge	(ft) (m)	25.0 7.5
Additional charge for each f	(oz/ft) (g/m)	0.69 65
Liquid side/ Gas side	(inch) (mm)	3/8" / 3/4" 9.52/19
Max. pipe length	(ft) (m)	213.0 65
Max. difference in level	(ft) (m)	98.0 30
Connection method		Flared
Indoor(cooling/ heating)	(Deg. °F) (Deg. °C)	60~90/32~86 16~32/0~30
Outdoor(cooling/heating)	(Deg. °F) (Deg. °C)	-22~-122/-22~75 -30~50/-30~24
Application area	(sq.ft) (m2)	430.56~635.07 40~59

INDOOR UNIT DATA		
Indoor fan motor		
Type		Centrifugal
Model		ZKFD-375-8-1
Qty		1
Input	(W)	168.0
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) ((CFM)	894.12/805.88/711.76
Indoor noise level (Hi/Med/L	[dB(A)]	43/40/30.5
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch) (mm)	21.02x21.02x49.02 534x534x1245
Packing(WxDxH)	(inch) (mm)	25.20x24.41x54.33 640x620x1380
Net/Gross weight	(lbs.) (kg)	58.6/70.6 129.19/155.64

OUTDOOR UNIT DATA		
Compressor		
Type		ROTARY
Model		KTF310D43UMT
Brand		GMCC
Capacity	(Btu/h)	32380
Input	(W)	2600
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1000
Outdoor fan motor		
Model		ZKFN-120-8-2
Qty		1
Input	(W)	150.0
RLA	(A)	--
Speed	(r/min)	950/900/500
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	3000.00
Outdoor noise level	[dB(A)]	61.5
Outdoor unit		
Dimension (WxDxH)	(inch) (mm)	37.24x16.14x31.89 946x410x810
Packing (WxDxH)	(inch) (mm)	42.91x19.69x34.84 1090x500x885
Net/ Gross weight	(lbs.) (kg)	159.83/169.75 72.5/77

Indoor unit dimension



Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k~48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension

