



**SUBMITTAL DATA SHEET**



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

<b>Set Code</b>	22023110000527
Indoor unit code	22023111000251
Outdoor unit code	22023116000164
<b>Set Model</b>	
Indoor unit model	B-VCD36SA-1
Outdoor unit model	A-VCD36SA-1
<b>Certified</b>	AHRI  UL 



**SYSTEM PERFORMANCE DATA**

<b>Power supply</b>		
Normal Operational Voltage (V, Ph, Hz)		208/230, 1, 60
Voltage Range (V)		187-253
<b>Electrical</b>		
Minimum circuit ampacity (A)		41
Max.fuse (A)		50
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Rated Capacity (Btu/h)		36000
Capacity Range (Btu/h)		12000~47400
Power Input (W)		3300
Rated current (A)		14.8
SEER (Btu/W)		18
EER (Btu/W)		10.5
<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		40000
Capacity Range (Btu/h)		9000~57200
Power Input (W)		3400
Rated current (A)		14.8
HSPF4 (Btu/W)		10.5
HSPF5 (Btu/W)		8.5
COP (W/W)		3.45

**REFRIGERANT PIPE DATA**

Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/165.79
Refrigerant precharge (ft)		25.0
		(m) 7.5
Additional charge for each fi (oz/ft)		0.69
		(g/m) 65
Liquid side/ Gas side (inch)		3/8" / 3/4"
		(mm) 9.52/19
Max. pipe length (ft)		213.0
		(m) 65
Max. difference in level (ft)		98.0
		(m) 30
Connection method		Flared
Indoor(cooling/ heating) (Deg. °F)		60~90/32~86
		(Deg. °C) 16~32/0~30
Outdoor(cooling/heating) (Deg. °F)		-22~-122/-22~75
		(Deg. °C) -30~50/ -30~24
Application area (sq.ft)		516.67~753.47
		(m2) 48~70

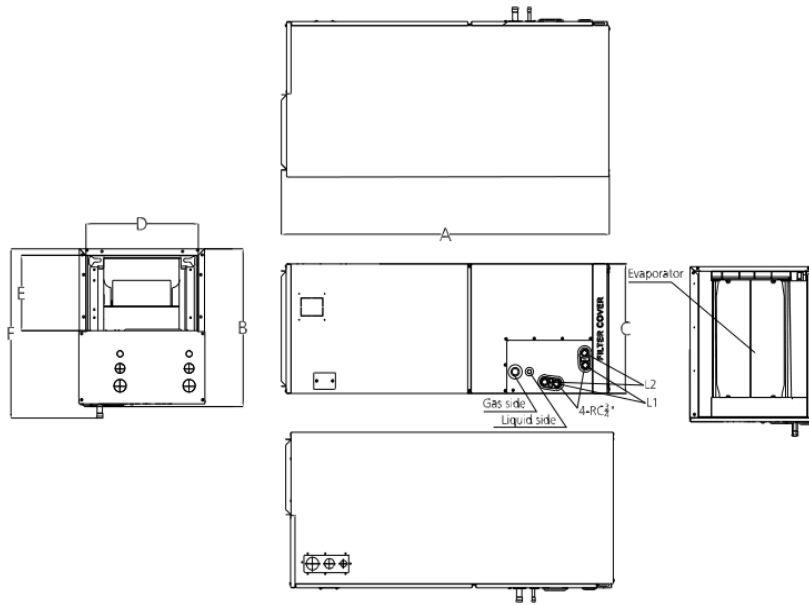
**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
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)		-
<b>Air flow &amp; Noise level</b>		
Indoor air flow (Hi/Med/Lo) (CFM)		1082.35/970.59/864.71
Indoor noise level (Hi/Med/L [dB(A)])		46.8/44/41.3
Dehumidification (Pint/H)		---
<b>Indoor unit</b>		
Dimension (WxDxH) (inch)		21.02x21.02x49.02
		(mm) 534x534x1245
Packing(WxDxH) (inch)		25.20x24.41x54.33
		(mm) 640x620x1380
Net/Gross weight (lbs.)		58.6/70.6
		(kg) 129.19/155.64

**OUTDOOR UNIT DATA**

<b>Compressor</b>		
Type		ROTARY
Model		EAPQ420D1UMUA
Brand		GMCC
Capacity (Btu/h)		44015
Input (W)		3565
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		160±15ml ESTER OIL VG74
<b>Outdoor fan motor</b>		
Model		ZKFN-85-8-22-5
Qty		2
Input (W)		126.0
RLA (A)		--
Speed (r/min)		850/750/650
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		4500.00
Outdoor noise level [dB(A)]		64
<b>Outdoor unit</b>		
Dimension (W×D×H) (inch)		37.48x16.34x52.48
		(mm) 952x415x1333
Packing (W×D×H) (inch)		43.11x19.49x58.27
		(mm) 1095x495x1480
Net/ Gross weight (lbs.)		227.07/255.73
		(kg) 103/116

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

