




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

<b>Set Code</b>	22023110000547
Indoor unit code	22023111000310
Outdoor unit code	22022016015900
<b>Set Model</b>	
Indoor unit model	B-VMH24AV-1
Outdoor unit model	A-VMH24SV-1
<b>Certified</b>	
AHRI	
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**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)		25.0
Max.fuse (A)		35.0
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Rated Capacity (Btu/h)		24000
Capacity Range (Btu/h)		6400~27000
Power Input (W)		1440
Rated current (A)		9.1
SEER (Btu/W)		20
EER (Btu/W)		12.5
<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		24000
Capacity Range (Btu/h)		10100~31000
Power Input (W)		2130
Rated current (A)		10
HSPF4 (Btu/W)		11.6
HSPF5 (Btu/W)		9.5
COP W/W		3.58

**REFRIGERANT PIPE DATA**

Throttle type	Indoor unit Outdoor unit	EEV for cooling EEV for heating
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/91.7
Refrigerant precharge (ft)		25.0
		(m) 7.5
Additional charge for each ft (oz/ft)		0.69
		(g/m) 65
Liquid side/ Gas side (inch)		3/8" / 5/8"
		(mm) 9.52/15.9
Max. pipe length (ft)		164.0
		(m) 50
Max. difference in level (ft)		82.0
		(m) 25
Connection method		Flared
Indoor(cooling/ heating) (Deg. °F)		60~90/32~86
		(Deg. °C) 16~32/0~30
Outdoor(cooling/heating) (Deg. °F)		-30~122/-30~75
		(Deg. °C) -30~50/-30~24
Application area (sq.ft)		344.44~505.90
		(m2) 32~47

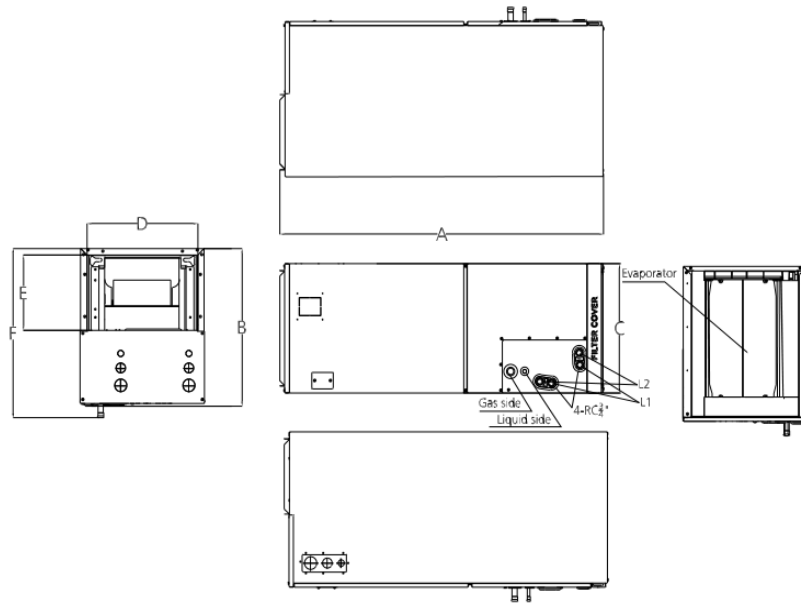
**INDOOR UNIT DATA**

<b>Indoor fan motor</b>		
Type		Centrifugal
Model		ZKFD-250-8-1
Qty		1
Input (W)		67.8
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)		758.82/694.12/629.41
Indoor noise level (Hi/Med/L [dB(A)]		41/39.5/38
<b>Dehumidification (Pint/H)</b>		
		---
<b>Indoor unit</b>		
Dimension (WxDxH) (inch)		21.02x17.52x45.00
		(mm) 534x445x1143
Packing(WxDxH) (inch)		25.20x20.87x50.39
		(mm) 640x530x1280
Net/Gross weight (lbs.)		48.4/57.7
		(kg) 106.70/127.21

**OUTDOOR UNIT DATA**

<b>Compressor</b>		
Type		DUAL ROTARY
Model		KTM240D43UKT
Brand		GMCC
Capacity (Btu/h)		25932.27641
Input (W)		2045
Rated current (RLA) (A)		-
Refrigerant oil/oil charge (ml)		VG74/620
<b>Outdoor fan motor</b>		
Model		ZKFN-120-8-2
Qty		1
Input (W)		150.0
RLA (A)		--
Speed (r/min)		1150/1050/900/850
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		2235
Outdoor noise level [dB(A)]		62
<b>Outdoor unit</b>		
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.)		134.48/144.40
		(kg) 61/65.5

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

