




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

<b>Set Code</b>	22023110000548
Indoor unit code	22023111000311
Outdoor unit code	22022016015920
<b>Set Model</b>	
Indoor unit model	B-VMH18AV-1
Outdoor unit model	A-VMH18SV-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)		16.0
Max.fuse (A)		25.0
Connection wiring		14AWG*2 Stranded, shielded
<b>Cooling</b>		
Rated Capacity (Btu/h)		18000
Capacity Range (Btu/h)		6880~21000
Power Input (W)		1840
Rated current (A)		9
SEER (Btu/W)		21
EER (Btu/W)		12.5
<b>Heating at 47F</b>		
Rated Capacity (Btu/h)		19000
Capacity Range (Btu/h)		2800~21000
Power Input (W)		1540
Rated current (A)		9.3
HSPF4 (Btu/W)		10.8
HSPF5 (Btu/W)		9
COP		3.62

### REFRIGERANT PIPE DATA

Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure (PSIG)		550/340
Refrigerant Type (Oz)		R410A/65.2
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)		1/4" / 1/2"
	(mm)	6.35/12.7
Max. pipe length (ft)		98.0
	(m)	30
Max. difference in level (ft)		66.0
	(m)	20
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)		258.33~376.74
	(m2)	24~35

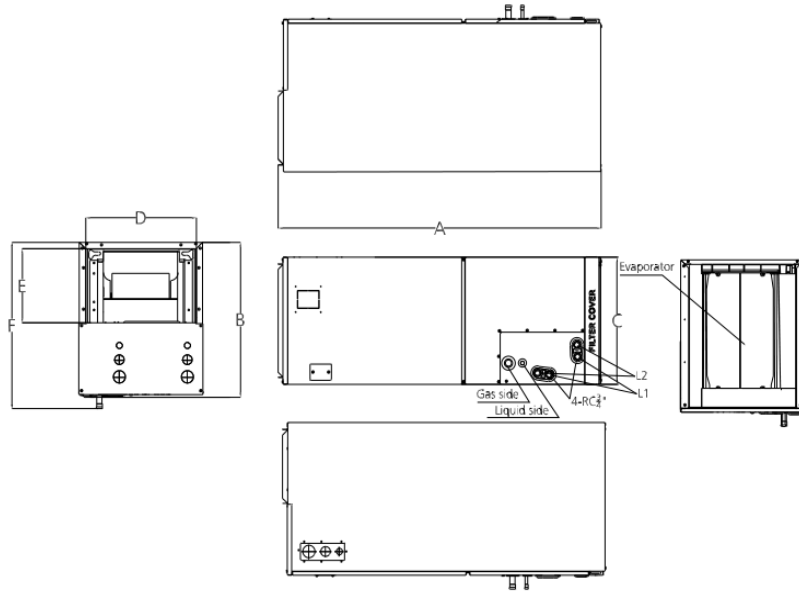
### INDOOR UNIT DATA

<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)		576.47/529.41/488.24
Indoor noise level (Hi/Med/L [dB(A)])		39/37/35
<b>Dehumidification (Pint/H)</b>		
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<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-80-8-3
Qty		1
Input (W)		88.00
RLA (A)		--
Speed (r/min)		810/720
<b>Air flow &amp; Noise level</b>		
Outdoor air flow (Max.) (CFM)		1765
Outdoor noise level [dB(A)]		59
<b>Outdoor unit</b>		
Dimension (W×D×H) (inch)		35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H) (inch)		39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight (lbs.)		100.97/108.03
	(kg)	45.8/49

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

