

Submittal Data Sheet



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

Set Code	
Indoor unit code	453076222
Outdoor unit code	453076294
Set Model	
Indoor unit model	BM09MCC
Outdoor unit model	BMHH09Y25C



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V,1Ph,60Hz
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Cooling

Capacity	Btu/h	9000
Input	W	692
Rated current	A	3.17
EER	Btu/w	13.0
SEER	Btu/w	20

Heating at 47

Capacity	Btu/h	10000
Input	W	952
Rated current	A	4.35
COP	W/W	3.08
HSPF4		10.8
HSPF5		9.4

Electrical

MINIMUM CIRCUIT AMPACITY	A	9
MAX. FUSE	A	15
Connection wiring		16*4 AWG

Compressor

Model		ATM115D43UFZ2
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	11430
Input	W	870
Rated current(RLA)	A	5.25
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	ESTER OIL VG74/500

SYSTEM DATA

Design pressure	PSIG	550/340 PSIG
Refrigerant type	oz	R410A/52.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.16
Liquid side/ Gas side	mm(in)	Φ6.35/Φ9.52(1/4"/3/8")
Max. refrigerant pipe length	ft	82
Max. difference in level	ft.	33

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-46-8-1
Type		DC
Input		45
RLA	A	0.465
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	600/520/460

Air flow & Noise level

Indoor air flow (Hi/Lo)	CFM	374/301/257
Indoor noise level (Hi/Lo)	dB(A)	41/37/33

Indoor unit

Dimension(W*D*H)	inch	22.44x22.44x10.24
Packing (W*D*H)	inch	25.79x25.79x11.42
Net/Gross weight	lbs.	31.97/38.14

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-40-8-1L
Type		DC
Input		63
RLA	A	0.38
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	900

Air flow & Noise level

Outdoor air flow	CFM	1120
Outdoor noise level	dB(A)	59

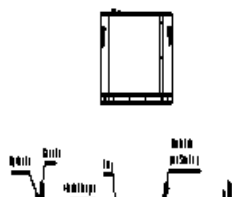
Outdoor unit

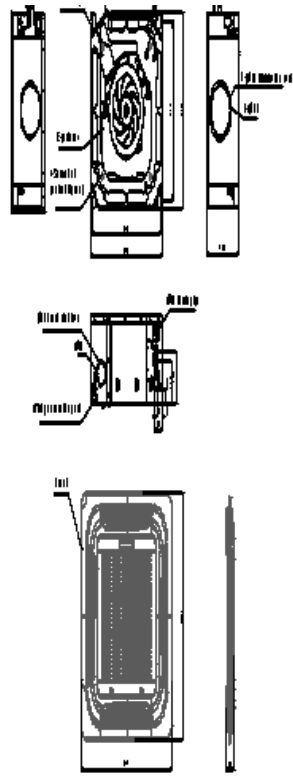
Dimension(W*D*H)	inch	31.5x13.11x21.81
Packing (W*D*H)	inch	36.22x15.35x24.21
Net/Gross weight	lbs.	88.18/93.7

Operation temperature

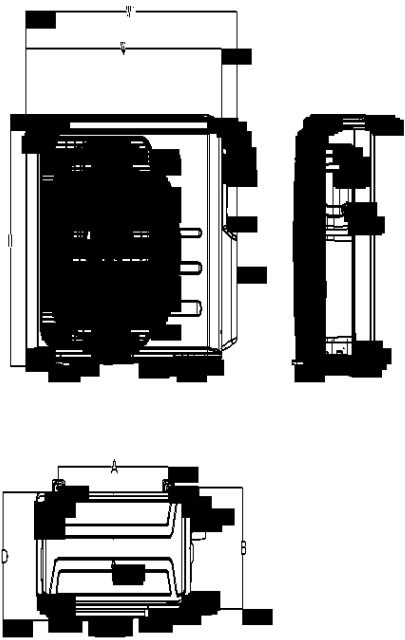
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-22~122/ -22~86
Application area	sq.ft	129-189

INDOOR UNIT





OUTDOOR UNIT



Model	W (inch)	D (inch)	H (inch)	W1 (inch)	A (inch)	B (inch)
BMHH09Y25C	31.5	13.1	21.8	34.3	20.2	13.4

