

SUBMITTAL DATA SHEET

BMM48C

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Outdoor unit code 453083710

Outdoor unit model BMM48C

Certified

UL



OUTDOOR UNIT DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	40.0
Max.fuse	(A)	60.0
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.0
RLA	(A)	1.0 + 1.0
Speed	(r/min)	900/850/800/750

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/162
Refrigerant precharge	(ft)	123.0
	(m)	37.5
Additional charge for each ft- Φ6.35 (1/4") liquid pipe	(oz/ft)	0.161
Additional charge for each ft- Φ9.52 (3/8") liquid pipe	(oz/ft)	0.322
Liquid side/ Gas side	(inch)	5 x 1/4"/3 x 3/8" + 2 x 1/2"
	(mm)	Φ6.35/3 x Φ9.52 + 2 x Φ12.7
Max. length for all rooms	(ft)	262
Max. length for one indoor unit	(ft)	115
Max. height difference between indoor and outdoor unit	(ft)	49
Max. height difference between indoor units	(ft)	33

OUTDOOR UNIT DATA

Compressor		ATQ360D1UMU
Model		
Type		ROTARY
Brand		GMCC
Capacity	(Btu/h)	48000
Capacity Range	(Btu/h)	19000~50000
Input	(W)	3840
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1400
Throttle		Capillary +EXV

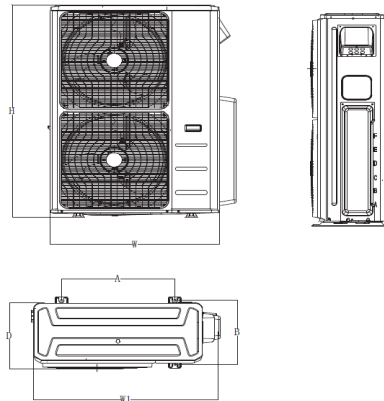
Air flow & Noise level

Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	64

Outdoor unit

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.)	225.53/256.62
	(kg)	102.3/116.4
Outdoor(cooling/heating)	(Deg. F)	-13~122/ -13~86
	(Deg. °C)	-25~50/ -25~30

Outdoor unit dimension



Model	Unit	W	D	H	W1	A	B
MCH-36HFNT-M	mm	952	415	1333	1060	634	404
M50F-48HFNT-M	inch	37.5	16.3	52.5	41.7	25.0	15.9
M50C-48HFNT-M							

24V INTERFACE KIT

