

SUBMITTAL DATA SHEET



Multi Zone Heat Pump

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

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

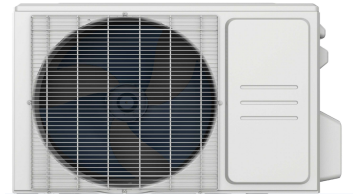
Outdoor unit code 22022316001345
 Outdoor unit model BMM18C

Certified

AHRI



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SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	14.0
Max.fuse	(A)	20.0
Connection wiring		14AWG*4 Stranded, unshielded
Cooling		
Capacity	(Btu/h)	18000(3850~22400)
Power Input	(W)	1500(120~2074)
Current	(A)	6.83(1.33~9.31)
SEER2	(Btu/W)	19.0
EER2	(Btu/W)	12.0
Heating		
Capacity	(Btu/h)	19000(4350~25800)
Power Input	(W)	1538(334~2091)
Current	(A)	6.5(2.65~9.39)
HSPF2-4	(Btu/W)	9.8
HSPF2-5	(Btu/W)	7.6
COP	W/W	3.62
Heat at 17F(H32)	(Btu/h)	14800
Heat at 5F(H42)	(Btu/h)	13300
COP at 5F(H42)	W/W	2.00

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	65.3
Refrigerant precharge	(ft)	25x2
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)	0.16
	(g/ft)	15.0
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)	0.32
	(g/ft)	30.0
Liquid side	(inch)	2x1/4"
	(mm)	2x6.35
Gas side	(inch)	2x3/8"
	(mm)	2x9.52
Max. length for all rooms	(ft)	131.2
	(m)	40.0
Max. length for one indoor unit	(ft)	82.0
	(m)	25.0
Max. height difference between indoor and outdoor unit	(ft)	49.2
	(m)	15.0
Max. height difference between indoor units	(ft)	33.0
	(m)	10.0

Outdoor(cooling)	(Deg. F)	5~122
	(Deg. °C)	-15~50
Outdoor(heating)	(Deg. F)	-13~75
	(Deg. °C)	-25~24

OUTDOOR UNIT DATA

Compressor		
Type		Twin-ROTARY
Model		KTN150D30UFZA
Brand		GMCC
Capacity	(Btu/h)	16139
Input	(W)	1250
Rated current (RLA)	(A)	/
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 450

Outdoor fan motor

Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80.00
RLA	(A)	/
Speed	(r/min)	750/600/500

Air flow & Noise level

Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	59.50

Outdoor unit

Dimension (W×D×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H)	(inch)	40.55x17.24x29.53
	(mm)	1030x438x750
Net/ Gross weight	(lbs.)	100.31/108.69
	(kg)	45.5/49.3

Outdoor unit dimension

