

SUBMITTAL DATA SHEET

Heat Pump System

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

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

Set Code 453095250
 Indoor unit code 453082348
 Outdoor unit code 453095243

Set Model BMY60UHH17FCC
 Indoor unit model BM60MFCC
 Outdoor unit model BMY60HHUC

Certified



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)	47.0
Max.fuse	(A)	60.0
Connection wiring		14AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	55000(20000~55000)
Capacity Range	(Btu/h)	55000(20000~55000)
Power Input	(W)	6100(2000~6100)
Rated current	(A)	27(9~27)
SEER	(Btu/W)	16.8
EER	(Btu/W)	9.0
Heating		
Rated Capacity	(Btu/h)	60000(10200~62000)
Capacity Range	(Btu/h)	60000(10200~62000)
Power Input	(W)	5900(630~6000)
Rated current	(A)	26(3~26.5)
HSPF4	(Btu/W)	11.3
HSPF5	(Btu/W)	9.5
COP	W/W	2.98
Heat at 17F	(Btu/h)	58000
Heat at 5F	(Btu/h)	55500
COP at 5F	W/W	2.0

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	NA
	Outdoor unit	EXV+Throttle valve
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/170oz
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.32
Additional charge for each m	(g/m)	30.0
Liquid side/ Gas side(indoor)	(inch)	3/8" / 3/4"
	(mm)	9.52/19
Liquid side/ Gas side(outdoor)	(inch)	3/8" / 7/8"
	(mm)	9.52/22
Max. pipe length	(ft)	213.3
	(m)	65.0
Max. difference in level	(ft)	98.4
	(m)	30.0
Connection method		Flared
Indoor(cooling/heating)	(Deg. °F)	62~90/32~86
	(Deg. °C)	17~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/-22~75
	(Deg. °C)	-15~50/-30~24

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFN-160-8-1-2
Qty		2
Input	(W)	/
Output	(W)	160.0
RLA	(A)	2.4
Speed(Hi/Mi/Lo)	(r/min)	1350/1050/850
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	1384.12/1028.82/795.29
Indoor noise level (Hi/Med/Lo)	[dB(A)]	54/47/44
Dehumidification		
	(Pint/H)	
Indoor unit		
Dimension (WxDxH)	(inch)	64.96x26.57x9.25
	(mm)	1650x675x235
Packing(WxDxH)	(inch)	67.91x29.72x12.52
	(mm)	1725x755x318
Net/Gross weight	(lbs.)	96.56/111.99
	(kg)	43.8/50.8
Accessories		
Adaptor(3/4" to 7/8")	Qty	1

OUTDOOR UNIT DATA

Compressor		
Type		Rotary
Model		EAPQ440D1UMUA
Brand		GMCC
Capacity	(Btu/h)	46335
Input	(W)	3770
Rated current (RLA)	(A)	7.3
Refrigerant oil/oil charge	(ml)	VG75/1300
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.0
Output	(W)	85
RLA	(A)	1.5
Speed	(r/min)	850/700
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4235
Outdoor noise level	[dB(A)]	61.0
Outdoor unit		
Dimension (WxDxH)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (WxDxH)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	240.74/271.61
	(kg)	109.2/123.2

Indoor unit dimension



