



SUBMITTAL DATA SHEET

One Way Cassette Heat Pump System

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

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

Set Code
Indoor unit code 22022510004443
Outdoor unit code 22022511000703
22022016016162

Set Model
Indoor unit model BMY9HH21CC
Outdoor unit model BM09MCC
BMY9HH28C

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(Outdoor)	(A)	15.0
Max.fuse(Outdoor)	(A)	15.0
Connection wiring		14*4 AWG
Cooling		
Capacity	(Btu/h)	9000(2850~11100)
Power Input	(W)	692(163~1117)
Current	(A)	3.17(1.25~4.93)
SEER2	(Btu/W)	20.5
EER2	(Btu/W)	13.0
Heating		
Capacity	(Btu/h)	9800(2270~12500)
Power Input	(W)	930(149~1371)
Current	(A)	4.58(1.17~6.04)
HSPF2-4	(Btu/W)	10.3
HSPF2-5	(Btu/W)	7.8
COP	W/W	3.09
Heat at 17F(H32)	(Btu/h)	9000
Heat at 5F(H42)	(Btu/h)	10000
COP at 5F(H42)	W/W	1.80

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
	(ft)	25.0
Refrigerant precharge	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4" / 3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor)	(inch)	1/4" / 3/8"
	(mm)	6.35/9.52
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	-22~122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75

INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-46-8-1
Qty		1
Input	(W)	45.00
Output	(W)	46.0
RLA	(A)	0.00
Speed(Hi/Mi/Lo)	(r/min)	600/520/460
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	//352.94/305.88/270.59
Indoor noise level (Hi/Med/Lo)	[dB(A)]	39.5/36/32.5
Dehumidification	(L/H)	1.03
Indoor unit		
Dimension (WxDxH)	(inch)	22.44x22.44x10.24
	(mm)	570x570x260
Packing(WxDxH)	(inch)	26.06x26.06x12.48
	(mm)	662x662x317
Net/Gross weight	(lbs.)	31.97/38.14
	(kg)	14.5/17.3

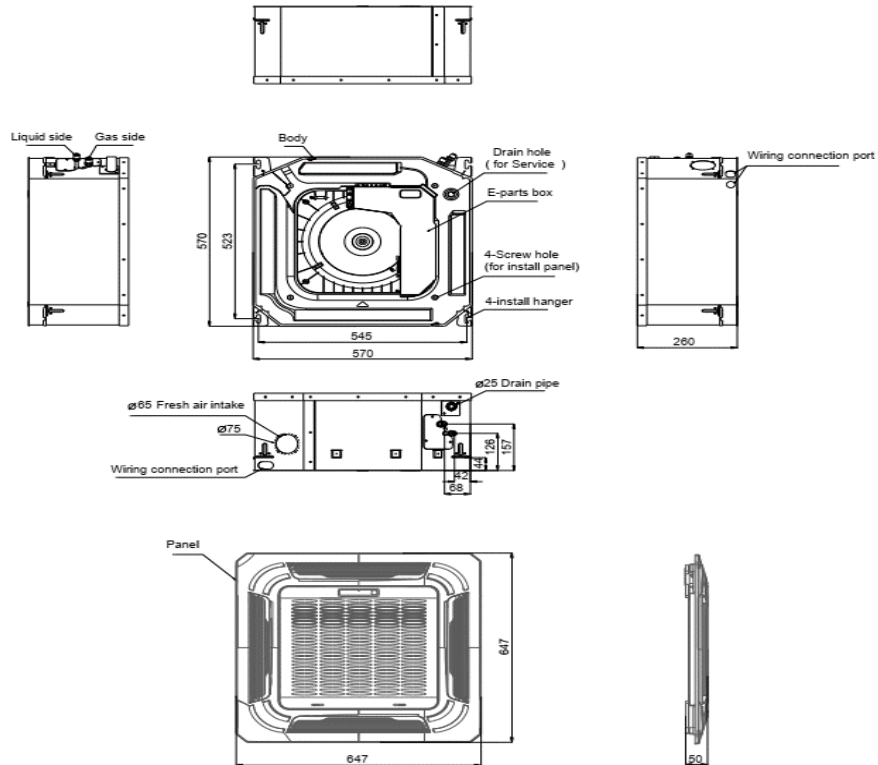
OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KTN110D42UFZ
Brand		GMCC
Capacity	(Btu/h)	11823
Input	(W)	885
Rated current (RLA)	(A)	8.8
Refrigerant oil/oil charge	(ml)	VG74/350
Outdoor fan motor		
Model		ZKFN-34-10-1
Qty		1
Input	(W)	/
Output	(W)	34.00
RLA	(A)	0.42
Speed	(r/min)	850/680/450
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1323.5
Outdoor noise level	[dB(A)]	55.0
Outdoor unit		
Dimension (WxDxH)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (WxDxH)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	74.07/80.25
	(kg)	33.6/36.4

(Deg. °C)

-30~24

Indoor unit dimension



Outdoor unit dimension

