

Indoor Code			Hyper Heat Series	U-Match Series
Indoor Code			22022711000421	22022711000659
Outdoor Code			32022016000001	22022516000402
Indoor Model			BM24MFCC	BM36MFCC
Outdoor Model			BMHH24Y21C	BM36UYC
Power supply		V,HZ,Ph	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity	Btu/h	24000	36000
	Input	W	2087	4509
	Rated current	W	9.55	20.6
	EER	Btu/W	11.5	8.0
	SEER		20	16
Heating at 47F	Capacity	Btu/h	24000	38000
	Input	W	2000	3978
	Rated current	W	9.15	18.2
	COP	W/W	3.52	2.8
	HSPF4		11.5	10.0
	HSPF5		10	8.7
Minimum circuit ampacity		A	20	30
Max.fuse		A	30	50
Indoor fan motor	Model		ZKFN-55-8-1	ZKFN-115-8-1
	Qty		1	1
	Input	W	100	130
	RLA	A	2	1.5
	Speed	r/min	1350/1260/1120	1300/1150/800
Indoor air flow (Hi/Med/Lo) (No duct)		m3/h	1267/1183/1051	1762/1559/1084
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	746696/618	1037/917/638
Indoor noise level (Hi/Med/Lo)		dB(A)	52/50/46	54/49/43
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1285x675x235
		inch	42.05x26.57x9.25	50.59x26.57x9.25
	Packing(WxDxH)	mm	1145x755x313	1360x755x313
		inch	45.08x29.72x12.32	53.54x29.72x12.32
	Net/Gross weight	kg	26.5/31.4	31.3/37
		lbs.	58.42/69.23	69/81.57
Design pressure		PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.9(3/8" /5/8")	Φ9.52/Φ15.9(3/8" /5/8")
Controller			Remote control	Remote control
Room temperature	Cooling	°C	17~32	17~32
		°F	62~90	62~90
	Heating	°C	0~30	0~30
		°F	32~86	32~86
Operation temperature		°C	17~30	17~30
		°F	62~86	62~86
Application area (cooling standard)		m2	32-47	48-70.3
Application area (cooling standard)		sq.ft	344-505	517-757
Qty'per 20' /40' /40'HQ		Indoor unit	102/220/252	92/188/213

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Model			BMHH24Y21C	BM36UYC
Power supply		V,Hz,Ph	208-230V,60Hz, 1Ph	208-230V,60Hz, 1Ph
Minimum circuit ampacity		A	20.0	30.0
Max. fuse		A	30.0	50.0
Compressor	Model		ATF235D22UMT	ATF310D43UMT
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	Btu/h	24345	32380(9490W)
	Input	W	1970	2600
	Rated current (RLA)	A	14.00	22.00
	Thermal protector position		EXTERNAL	EXTERNAL
Refrigerant oil	ml	POE(VG74)/670	POE (VG74)/1000	
Outdoor fan motor	Model		ZKFN-120-8-2	ZKFN-120-8-2
	Qty		1	1
	Input	W	150	150
	RLA	A	0.5	1.0
Speed	r/min	810	950	
Outdoor air flow (Max.)		m3/h	4000	4300
Outdoor air flow (Max.)		CFM	2354	2530
Outdoor noise level		dB(A)	61	66
Throttle type			Capillary +EXV	Capillary +EXV
Outdoor unit	Dimension (W×D×H)	mm	946x410x810	946x410x810
		inch	37.24x16.14x31.89	37.24x16.14x31.89
	Packing (W×D×H)	mm	1090x500x875	1090x500x875
		inch	42.91x19.69x34.45	42.91x19.69x34.45
	Net/ Gross weight	kg	61.5/67.5	67.4/73
lbs.		135.58/148.81	148.59/160.94	
Refrigerant	type/Quantity	g	R410A/2600	R410A/2750
Refrigerant	type/Quantity	Oz	R410A/91.7	R410A/108
Refrigerant precharge		ft	25	25
Additional charge for each ft		oz	0.32	0.32
Design pressure		PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	50	65
		ft	164	213
	Max. difference in level	m	25	30
ft		82	98	
Ambient temperature	Cooling	°C	-30~50	-15~50
		°F	-22~122	5~122
	Heating	°C	-30 ~ 30	-15~30
		°F	-22~86	5~86
Qty'per 20' /40' /40'HQ		Outdoor	44/96/144	44/96/144