

			Hyper Heat Series	Hyper Heat Series
Indoor Code			453077646	453082345
Outdoor Code			453076298	453076300
Indoor Model			BM18MFCC	BM24MFCC
Outdoor Model			BMHH18Y20C	BMHH24Y21C
Power supply		V,Hz,Ph	208-230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity	Btu/h	17000	24000
	Input	W	1260	2087
	Rated current	W	6.22	9.55
	EER	Btu/W	12.5	11.5
	SEER		19.9	20
Heating at 47F	Capacity	Btu/h	18000	24000
	Input	W	1516	2000
	Rated current	W	6.93	9.15
	COP	W/W	3.48	3.52
	HSPF4		10.6	11.5
HSPF5		9.2	10	
Minimum circuit ampacity		A	18	20
Max.fuse		A	25	30
Indoor fan motor	Model		ZKFN-55-8-1	ZKFN-55-8-1
	Qty		1	1
	Input	W	100	100
	RLA	A	1.5	2
	Speed	r/min	950/850/750	1350/1260/1120
Indoor air flow (Hi/Med/Lo) (No duct)		m3/h	1131/1012/893	1267/1183/1051
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	666/595/525	746696/618
Indoor noise level (Hi/Med/Lo)		dB(A)	47/44/39	52/50/46
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1068x675x235
		inch	42.05x26.57x9.25	42.05x26.57x9.25
	Packing(WxDxH)	mm	1145x755x313	1145x755x313
		inch	45.08x29.72x12.32	45.08x29.72x12.32
	Net/Gross weight	kg	25/29.7	26.5/31.4
		lbs.	55.12/65.48	58.42/69.23
Design pressure		PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8" /5/8")
Controller			Remote control	Remote control
Room temperature	Cooling	℃	17~32	17~32
		℉	62~90	62~90
	Heating	℃	0~30	0~30
		℉	32~86	32~86
Operation temperature		℃	17~30	17~30
		℉	62~86	62~86
Application area (cooling standard)		m2	24-35	32-47
Application area (cooling standard)		sq.ft	258-376	344-505
Qty'per 20' /40' /40'HQ		Indoor unit	102/220/252	102/220/252

Code		453076298	453076300
Model		BMHH18Y20C	BMHH24Y21C
Power supply		V,Hz,Ph	208-230V,60Hz, 1Ph
Minimum circuit ampacity		A	18.0
Max. fuse		A	25.0
			30.0
	Model	ATF235D22UMT	ATF235D22UMT

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Indoor Model			BM18MFCC	BM24MFCC
Outdoor Model			BMHH18Y20C	BMHH24Y21C
Compressor	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	Btu/h	24345	24345
	Input	W	1970	1970
	Rated current (RLA)	A	12.90	14.00
	Thermal protector position		EXTERNAL	EXTERNAL
	Refrigerant oil	ml	POE(VG74)/670	POE(VG74)/670
Outdoor fan motor	Model		ZKFN-50-8-2	ZKFN-120-8-2
	Qty		1	1
	Input	W	115	150
	RLA	A	0.42	0.5
	Speed	r/min	850	810
Outdoor air flow (Max.)		m3/h	2300	4000
Outdoor air flow (Max.)		CFM	1355	2354
Outdoor noise level		dB(A)	59	61
Throttle type			Capillary +EXV	Capillary +EXV
Outdoor unit	Dimension (W×D×H)	mm	845x363x702	946x410x810
		inch	33.27x14.29x27.64	37.24x16.14x31.89
	Packing (W×D×H)	mm	965x395x765	1090x500x875
		inch	37.99x15.55x30.11	42.91x19.69x34.45
	Net/ Gross weight	kg	48.7/52.2	61.5/67.5
		lbs.	107.4/115.1	135.58/148.81
Refrigerant	type/Quantity	g	R410A/1950	R410A/2600
Refrigerant	type/Quantity	Oz	R410A/68.8	R410A/91.7
Refrigerant precharge		ft	25	25
Additional charge for each ft		oz	0.16	0.32
Design pressure		PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. pipe length	m	30	50
		ft	98	164
	Max. difference in level	m	20	25
		ft	66	82
Ambient temperature	Cooling	℃	-30~50	-30~50
		℉	-22~122	-22~122
	Heating	℃	-30 ~ 30	-30 ~ 30
		℉	-22~86	-22~86
Qty'per 20' /40' /40'HQ		Outdoor	102/216/216	44/96/144