

Indoor Code			Hyper Heat Series	Hyper Heat Series	Hyper Heat Series
Outdoor Code			453076222	453076065	453076223
Indoor Model			453076294	453076296	453076298
Outdoor Model			BM09MCC	BM12MCC	BM18MCC
			BMHH09Y25C	BMHH12Y23C	BMHH18Y20C
Power supply		V,Hz,Ph	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz	208-230V,1Ph,60Hz
Cooling	Capacity	Btu/h	9000	12000	16000
	Input	W	692	960	1280
	Rated current	W	3.17	4.39	5.85
	EER	Btu/W	13.0	12.5	12.5
	SEER		20	19.5	20
Heating at 47F	Capacity	Btu/h	10000	12000	18000
	Input	W	952	960	1636
	Rated current	W	4.35	4.39	7.48
	COP	W/W	3.08	3.66	3.22
	HSPF4		10.8	10.6	10.5
	HSPF5		9.4	9.2	9.1
Minimum circuit ampacity		A	9	9	18
Max.fuse		A	15	15	25
Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-46-8-1
	Qty		1	1	1
	Input	W	45	45	45
	RLA	A	0.465	0.465	0.465
	Speed	r/min	600/520/460	680/580/500	730/630/570
Indoor air flow (Hi/Med/Lo) (No duct)		m3/h	635/511/437	644/525/443	951/821/705
Indoor air flow (Hi/Med/Lo) (No duct)		CFM	374/301/257	379/309/261	560/483/415
Indoor noise level (Hi/Med/Lo)		dB(A)	41/37/33	43/39/36	44/39/36
Indoor unit	Dimension (WxDxH)	mm	570x570x260	570x570x260	570x570x260
		inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24
	Packing(WxDxH)	mm	655x655x290	655x655x290	655x655x290
		inch	25.79x25.79x11.42	25.79x25.79x11.42	25.79x25.79x11.42
	Net/Gross weight	kg	14.5/17.3	16/18.6	16.1/18.7
		lbs.	31.97/38.14	35.27/41	35.49/41.23
Panel	Dimension (WxDxH)	mm	647x647x50	647x647x50	647x647x50
		inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97
	Packing(WxDxH)	mm	715x715x123	715x715x123	715x715x123
		inch	28.15x28.15x4.84	28.15x28.15x4.84	28.15x28.15x4.84
	Net/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5
		lbs.	5.51/9.92	5.51/9.92	5.51/9.92
Design pressure		PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52(1/4" /3/8")	Φ6.35/Φ12.7(1/4" /1/2")	Φ6.35/Φ12.7(1/4"/1/2")
Controller			Remote control	Remote control	Remote control
Room temperature	Cooling	°C	17~32	17~32	17~32
		°F	62~90	62~90	62~90
	Heating	°C	0~30	0~30	0~30
		°F	32~86	32~86	32~86
Operation temperature		°C	17~30	17~30	17~30
		°F	62~86	62~86	62~86
Application area (cooling standard)		m2	12-17.6	16-23.4	24-35
Application area (cooling standard)		sq.ft	129-189	172-252	258-376
Qty'per 20' /40' /40'HQ		Indoor unit	186/375/429	186/375/429	186/375/429

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	BMHH09Y25C	BMHH12Y23C	BMHH18Y20C

Code		453076294	453076296	453076298	
Model		BMHH09Y25C	BMHH12Y23C	BMHH18Y20C	
Power supply	V,Hz,Ph	208-230V,60Hz, 1Ph	208-230V,60Hz, 1Ph	208-230V,60Hz, 1Ph	
Minimum circuit ampacity	A	9.0	9.0	18.0	
Max. fuse	A	15.0	15.0	25.0	
Compressor	Model	ATM115D43UFZ2	ATM115D43UFZ2	ATF235D22UMT	
	Type	ROTARY	ROTARY	ROTARY	
	Brand	GMCC	GMCC	GMCC	
	Capacity	Btu/h	11430	11430	24345
	Input	W	870	870	1970
	Rated current (RLA)	A	5.25	5.65	12.90
	Thermal protector position		EXTERNAL	EXTERNAL	EXTERNAL
Refrigerant oil	ml	ESTER OIL VG74/500	ESTER OIL VG74 / 500	POE(VG74)/670	
Outdoor fan motor	Model	ZKFN-40-8-1L	ZKFN-40-8-1L	ZKFN-50-8-2	
	Qty	1	1	1	
	Input	W	63	63	115
	RLA	A	0.38	0.38	0.42
	Speed	r/min	900	810	850
Outdoor air flow (Max.)	m3/h	1900	2000	2300	
Outdoor air flow (Max.)	CFM	1120	1180	1355	
Outdoor noise level		dB(A)	59	57	59
Throttle type		Capillary +EXV	Capillary +EXV	Capillary +EXV	
Outdoor unit	Dimension (W×D×H)	mm	800x333x554	800x333x554	845x363x702
		inch	31.5x13.11x21.81	31.5x13.11x21.81	33.27x14.29x27.64
	Packing (W×D×H)	mm	920x390x615	920x390x615	965x395x765
		inch	36.22x15.35x24.21	36.22x15.35x24.21	37.99x15.55x30.11
	Net/ Gross weight	kg	40/42.5	40/42.5	48.7/52.2
lbs.		88.18/93.7	88.18/93.7	107.4/115.1	
Refrigerant	type/Quantity	g	R410A/1500	R410A/1500	R410A/1950
Refrigerant	type/Quantity	Oz	R410A/52.9	R410A/52.9	R410A/68.8
Refrigerant precharge		ft	25	25	25
Additional charge for each ft		oz	0.16	0.16	0.16
Design pressure		PSIG	550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")
		m	25	25	30
	Max. pipe length	ft	82	82	98
		m	10	10	20
Max. difference in level	ft	33	33	66	
	m	10	10	20	
Ambient temperature	Cooling	°C	-30~50	-30~50	-30~50
		°F	-22~122	-22~122	-22~122
	Heating	°C	-30 ~ 30	-30 ~ 30	-30 ~ 30
		°F	-22~86	-22~86	-22~86
Qty'per 20' /40' /40'HQ	Outdoor		108/219/292	108/219/292	102/216/216