

Series			Hyper heat E*Star	Hyper heat E*Star	Hyper heat E*Star
Capacity			9K	12K	18K
Set Code			453084928	453084930	453084932
Indoor unit code			453076222	453076065	453076223
Outdoor unit code			453083722	453083724	453083726
Indoor unit model			BM09MCC	BM12MCC	BM18MCC
Outdoor unit model			BMY9HH28C	BMY12HH26C	BMY18HH22C
Customer Indoor unit model					
Customer Outdoor unit model					
Power supply	Rated	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Voltage range	V	187-253	187-253	187-253
Cooling	Rated Capacity (range)	Btu/h	9000(2850~11100)	12000(3000~13700)	16000(5600~17000)
	Input power	W	692	945	1280
	Rated current	A	3.17	4.32	8.0
	EER	Btu/w	13	12.7	12.5
	SEER	Btu/w	20.5	21.5	20.0
Heating at 47°F	Rated Capacity (range)	Btu/h	10000(2270~12500)	12000(2000~15300)	18000(8700~21000)
	Input power	W	1000	1091	1832
	Rated current	A	4.58	4.99	11.0
	COP	W/W	2.93	3.22	2.88
	HSPF4	Btu/w	10.8	10.6	10.3
	HSPF5	Btu/w	9	8.8	8.7
Heating at 17°F (AHRI)	Rated capacity	Btu/h	11800	14000	18000
	COP	W/W			
Heating at 5°F (-15°C)	Rated capacity	Btu/h	10200	11500	16000
	COP	W/W	1.79	1.86	1.68
The Rated Input Current of The Power Conversion Equipment		A	0.81	0.92	1.65
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3.0	3.0	1.9
MAX. FUSE (Indoor unit)		A	15.0	15.0	15.0
Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	ZKFP-46-8-1
	Qty.		1	1	1
	Input power	W	45.0	45.0	45.0
	Output power	W	46.0	46.0	46.0
	Fan motor load current (RLA)	A	-	-	-
	Speed(Hi/Mi/Lo)	r/min	600/520/460	680/580/500	730/630/570
Indoor air flow (Hi/Mi/Lo)		m3/h	600/520/460	644/525/443	956/825/746
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/305.88/270.59	379/309/261	562.35/485.29/438.82
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5
Evaporator	Number of rows	/	1.0	2.0	2.0
	Tube outside dia	mm	Φ7	Φ7	Φ7
	Tube outside type	/	Inner groove tube	Inner groove tube	Inner groove tube
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3	1.3
	Fin type (code)	/	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Coil length x height x width	mm	1380x210x13.37	1360x210x26.74	1360x210x26.74
	Number of circuits	/	2	4	4
Indoor unit	Dimension (W×D×H)	mm	570x570x260	570x570x260	570x570x260
		inch	22.44x22.44x10.24	22.44x22.44x10.24	22.44x22.44x10.24
	Packing (W×D×H)	mm	662x662x317	662x662x317	662x662x317
		inch	26.06x26.06x12.48	26.06x26.06x12.48	26.06x26.06x12.48
	Net/Gross weight	kg	14.5/17.3	16/18.6	16.2/21.3
		lbs.	31.97/38.14	35.27/41.01	35.71/46.96
Panel	Dimension (W×D×H)	mm	647x647x50	647x647x50	647x647x50
		inch	25.47x25.47x1.97	25.47x25.47x1.97	25.47x25.47x1.97
	Packing (W×D×H)	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.	5.52/9.92	5.52/9.92	5.52/9.92
Refrigerant piping	Liquid side/Gas side	mm	6.35/9.52	6.35/12.7	6.35/12.7
		inch	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25
Connection wiring			16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Communication protocol between IDU and ODU			Current loop	Current loop	Current loop
Thermostat type	Wireless remote controller		Standard	Standard	Standard
	Wired Controller		Optional	Optional	Optional
	Programmable wired Controller		Optional	Optional	Optional
	WiFi		Optional	Optional	Optional
Room temperature	Cooling	°C	16~32	16~32	16~32
		°F	60~90	60~90	60~90
	Heating	°C	0~30	0~30	0~30
		°F	32~86	32~86	32~86
Application area (cooling Standard)		m2	12~18	16~23	21~31
		sq.ft	129.17~193.75	172.22~247.57	226.04~333.68
Qty. per 20'/40'/40' HQ	Indoor unit		186/375/429	186/375/429	186/375/429
Qty. per 20'/40'/40' HQ	Set				
Certification	Performance	AHRI	Yes	Yes	Yes
		E*Star	Yes	Yes	Yes
		NEEP	Yes	Yes	No
	Safety	UL	Yes	Yes	Yes
		ETL	-	-	-
		CSA	-	-	-