

Series			Hyper heat	Hyper heat	Hyper heat
Capacity			12K	18K	24K
Set Code			453084929	453084933	453084935
Indoor unit code			453077629	453077630	453082622
Outdoor unit code			453083724	453083726	453083728
Indoor unit model			BM12MCD	BM18MCD	BM24MCD
Outdoor unit model			BMY12HH26C	BMY18HH22C	BMY24HH22C
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	12000(2250~14400)	16500(6500~18800)	24000(6500~27800)
	Input power	W	923	1320	1920
	Rated current	A	4.22	8.50	8.52
	EER	Btu/w	13	12.5	12.5
	SEER	Btu/w	21.5	19.6	20.6
Heating at 47°F	Rated Capacity (range)	Btu/h	12000(1800~16300)	19000(8900~22000)	24600(12200~32200)
	Input power	W	1000	1900	1920
	Rated current	A	4.58	11.50	8.19
	COP	W/W	3.52	2.93	3.66
	HSPF4	Btu/w	11.5	11.0	12.6
	HSPF5	Btu/w	9.5	9.0	10.7
Heating at 17°F (AHRI)	Rated capacity	Btu/h	12900	19000	26511
	COP	W/W			
Heating at 5°F (-15°C)	Capacity	Btu/h	12400	17400	24600
	COP	W/W	1.87	1.75	2.01
The Rated Input Current of The Power Conversion Equipment		A	1.37	1.30	1.70
MINIMUM CIRCUIT AMPACITY (Indoor unit)		A	3.0	3.0	3.0
MAX. FUSE (Indoor unit)		A	15.00	15.00	15.0
Indoor fan motor	Model		ZKFN-55-8-22-1	ZKFN-160-8-1-2	ZKFN-160-8-1-2
	Qty.		1	1	1
	Input power	W	130.0	90.0	90.0
	Output power	W	55.0	160.0	160.0
	Fan motor load current (RLA)	A	-	-	-
Speed(Hi/Mi/Lo)		r/min	1170/1030/850	850/700/450	880/820/690
Indoor air flow (Hi/Mi/Lo)		m3/h	600/480/300	900/765/630	1318.3/1178.2/739.3
Indoor air flow (Hi/Mi/Lo)		CFM	352.94/282.35/176.47	529.41/450.00/370.59	775.47/693.06/434.88
Indoor noise level (Hi/Mi/Lo)		dB(A)	40/31.5/26.5	40/37.5/35	44/40/35.5
Eeternal Static Pressure (ESP)	Rated	Pa	25	25	25
		In. wc.	0.1	0.1	0.1
	Range	Pa	0-40	0-40	0-160
		In. wc.	0-0.16	0-0.16	0-0.64
Evaporator	Number of rows	/	3.0	3.0	3.0
	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	1.4	1.4	1.4
	Fin type (code)	/	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Coil length x height x width	mm	526x210x40.11	695x252x40.11	915x294x40.11
Indoor unit	Number of circuits	/	4	4	7
	Dimension (W×D×H)	mm	700/506/200	880x674x210	1100x774x249
		inch	27.56x19.92x7.87	34.65x28.53x8.27	43x30x10
	Packing (W×D×H)	mm	860/540/285	1070x725x280	1305x805x315
		inch	33.86x21.26x11.22	42.13x28.53x11.02	51x32x12.4
Net/Gross weight	kg	17.7/21.9	25.1/30.4	41/48	
	lbs.	39.24/48.5	55.34/67.02	90.39/105.82	
Refrigerant piping	Liquid side/Gas side	mm	6.35/12.7	6.35/12.7	9.52/15.9
		inch	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
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		Optional	Optional	Optional
	Wired Controller		Standard	Standard	Standard
	Programmable wired Controller		Optional	Optional	Optional
	WiFi		Optional	Optional	Optional
Room temperature	Cooling	°C	17~32	17~32	17~32
		°F	63~90	63~90	63~90
	Heating	°C	0~30	0~30	0~30
		°F	32~86	32~86	32~86
Application area (cooling Standard)		m2	16~23	22~32	32~47
		sq.ft	172.22~247.57	236.81~344.44	344.44~505.90
Qty. per 20'/40'/40' HQ	Indoor unit		214/461/519	120/264/297	77/161/184
Qty. per 20'/40'/40' HQ	Set				
Certification	Performance	AHRI	Yes	Yes	Yes
		E*Star	Yes	Yes	Yes
		NEEP	Yes	Yes	Yes
	Safety	UL	Yes	Yes	Yes
		ETL	-	-	-
		CSA	-	-	-

Series	Hyper heat	Hyper heat	Hyper heat
Capacity	12K	18K	24K