

Outdoor model			M30E-27HFN8-Q	M30F-21HFN8-Q	M30F-27HFN8-Q
Power Supply (Outdoor)		V-Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	27000(7370~27000)	21000(6619~23420)	27000(10100~29000)
	Input	W	2440(200~3070)	1950(180~2240)	2450(235~3220)
	Rated current	A	10.6(0.9~13.5)	9.0(1.09~9.9)	13.7(2.2~14.3)
	EER	W/W	3.24	3.23	3.23
Heating	Capacity	Btu/h	28800(6400~31500)	22500(5900~24740)	28000(6950~32000)
	Input	W	2270(320~2850)	1780(325~1920)	2100(310~2890)
	Rated current	A	10.0(1.4~12.5)	8.5(1.94~8.5)	12.5(2.5~12.9)
	COP	W/W	3.72	3.71	3.91
Max. input consumption		W	3100	3300	3600
Max. current		A	15	15.5	17.5
Compressor	Model		KTF235D22UMT	KSN140D21UFZ	KTM240D57UMT
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	Btu/h	7650	4385	7715
	Input	W	2065	1140	2085
	Rated current(RLA)	A	9.4	7.50	9.45
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector position		/	/	/
	Capacitor	μF	/	/	/
Outdoor fan motor	Refrigerant oil	ml	RB74A F/670	VG74 440	VG74 670
	Model		ZKFN-50-8-2	ZKFN-50-8-2-3	ZKFN-50-8-2-3
	Qty		1	1	1
	Output	W	50	50	50
	Capacitor	μF	/	/	/
Outdoor coil	Speed	r/min	850/750/600	750/650/550	850/650/550
	Number of rows		2	2	1
	Tube pitch(a)x row pitch(b)	mm	25.4x22	21x22	25.4x22
	Fin spacing	mm	1.4	1.2	1.4
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Unhydrophilic aluminium
	Tube outside dia.and type	mm	Φ9.52,Inner groove tube	Φ7,Inner groove tube	Φ9.52,Inner groove tube
	Coil length x height x width	mm	730x660x44	730x651x44	730x660x22
Number of circuits			4	4	4
Outdoor air flow		m3/h	2700	/	/
Outdoor sound pressure level		dB(A)	59	57.5	59
Outdoor sound power level		dB(A)	66	65	67
Throttle type			EXV+Capillary	EXV+Capillary	EXV+Capillary
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	845x363x702	845x363x702
	Packing (W*D*H)	mm	965x395x775	965x395x775	965x395x775
	Net/Gross weight	Kg	54.4/59.2	46.8/51.1	51.1/55.8
Refrigerant type	Type	-	R32	R32	R32
	GWP	-	675	675	675
	Charged quantity	Kg	1.57	1.4	1.72
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7

	Liquid side/ Gas side	mm(inch)	3 x Ø6.35/Ø9.52(1/4"/3/8")	3 x Ø6.35/Ø9.52(1/4"/3/8")	3 x Ø6.35/Ø9.52(1/4"/3/8")
Refrigerant piping	Max. length for all rooms	m	60	60	60
	Max. length for one indoor unit	m	30	30	30
	Max. height difference between indoor and outdoor unit	m	15	15	15
	Max. height difference between indoor units	m	10	10	10
Ambient temperature	Cooling	°C	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-15~24

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB	Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB	-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
-Interconnecting Piping Length 5m	- Interconnecting Piping Length 5 m
- Level Difference of Zero.	- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.