



# Kanartic®

Indoor code			22022011016623	22022011016701	22022011016723
Outdoor code			22022016016162	22022016016220	22022016015900
Model			KEOS-09UHE-NA	KEOS-12UHE-NA	KEOS-18UHE-NA
Power supply			V-Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/h	9000(3700~13300)	12000(3700~13300)	18000(8400~20200)
	Input	W	569	923	1385
	Current	A	2.5	2.5	8.9
	EER	Btu/w	15.8	13	13
	SEER	Btu/w	25.5	22.0	21.5
Heating (Standard conditions)	Capacity (range)	Btu/h	12000(5100~14300)	12000(5100~14300)	18000(12000~23000)
	Input	W	902	978	1575
	Current	A	4.0	4.25	9.2
	COP	W/W	3.90	3.60	3.35
	HSPF4	Btu/w	12.5	12.7	11
	HSPF5	Btu/w	10.5	10.8	9.2
Cooling at 5 F (-15°C)	Rated capacity	Btu/h	11000	11000	19500
Heating at 17F (-8.33°C)	Max capacity	Btu/h	12235	12477	21447
Heating at 5F (-15°C)	Rated capacity	Btu/h	11000	11000	17800
	COP	W/W	1.8	1.8	1.78
Heating at -4F (-20°C)	Rated capacity	Btu/h	7000	8000	14200
Heating at -13F (-25°C)	Max capacity	Btu/h	6500	7000	10800
Heating at -22F (-30°C)	Max capacity	Btu/h	6213	6330	9450
MINIMUM CIRCUIT AMPACITY			A	15	16
MAX.FUSE			A	15	25
Compressor	Model		KTN110D42UFZ	KTN110D42UFZ	KTM240D43UKT
	Type		ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	3465	3465	7600
	Input	W	885	885	2045
	Rated current(RLA)	A	8.80	8.8	14.25
	Locked rotor Amp(LRA)	A	/	/	/
	Thermal protector		/	/	/
	Thermal protector position		NA	NA	NA
	Capacitor	uF	/	/	/
Refrigerant oil/oil charge	ml	VG74/350	VG74/350	ESTER OIL VG74 620	
Indoor fan motor	Model		ZKFP-13-8-4	ZKFP-13-8-4	ZKFP-58-8-1-5
	Input	W	/	/	58.0
	RLA	A	0.15	0.38	0.25
	LRA	A	/	/	/
	Winding Resistance	Ω	/	/	/
	Capacitor	uF	/	/	/
	Speed(Hi/Mi/Lo)	r/min	1150/990/750	1250/950/750	1120/950/700
Indoor air flow (Hi/Mi/Lo)			m3/h	650/430/360	650/430/360
Indoor air flow (Hi/Mi/Lo)			CFM	291.18/194.12/152.94	291.18/194.12/152.94
Indoor noise level (Hi/Mi/Lo)			dB(A)	40/35/23.5	41.5/36/24
Indoor unit	Dimension(W*D*H)	mm	802x200x295	802x200x295	1083x244x336
	Dimension(W*D*H)	inch	31.57x7.87x11.61	31.57x7.87x11.61	42.64x9.61x13.23
	Packing (W*D*H)	mm	875x285x380	875x285x380	1155x415x315
	Packing (W*D*H)	inch	34.45x11.22x14.96	34.45x11.22x14.96	45.47x16.34x12.40
	Net/Gross weight	kg	8.6/11	8.5/11	13.4/17
	Net/Gross weight	lb	18.96/24.25	18.74/24.25	29.54/37.48
Outdoor fan motor	Model		ZKFN-34-10-1	ZKFN-34-10-1	ZKFN-80-8-3
	Input	W	/	/	/
	RLA	A	0.42	0.36	0.76
	LRA	A	/	/	/
	Winding Resistance	Ω	/	/	/
	Capacitor	uF	/	/	/
	Speed	r/min	850/680/450	850/680/450	810/720
Outdoor air flow			m3/h	2250	2250
Outdoor air flow			CFM	1323.53	1323.53
Outdoor noise level			dB(A)	55.5	56
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554	890x342x673
	Dimension(W*D*H)	inch	31.69x12.99x21.81	31.69x12.99x21.81	35.04x13.46x26.50
	Packing (W*D*H)	mm	915x370x615	915x370x615	995x398x740
	Packing (W*D*H)	inch	36.02x14.57x24.21	36.02x14.57x24.21	39.17x15.67x29.13
	Net/Gross weight	kg	33.6/36.4	33.4/36	45.8/49
	Net/Gross weight	lb	74.07/80.25	73.63/79.37	100.97/108.03
Refrigerant type				R410A/1.18kg	R410A/1.18kg
Additional charge per metre			g/m	15	15
Additional charge for each ft			oz/ft	0.16	0.16
Design pressure			PSIG	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)
	Max. refrigerant pipe length	m	25	25	30
	Max. refrigerant pipe length	ft	82.02	82.02	/
	Max. difference in level	m	10	10	20
	Max. difference in level	ft	32.81	32.81	/
Connection wiring				16#x4	16#x4
Thermostat type				Remote Control + Wifi	Remote Control + Wifi
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~27	16~32/0~30	16~32/0~30
	Indoor(cooling/ heating)	°F	/	/	/
	Outdoor(cooling/heating)	°C	-30~50/-30~24	-30~50/-30~24	-30~50/-30~24
	Outdoor(cooling/heating)	°F	/	/	/
Application area (Cooling Standard)			m2	55	92
Application area (Cooling standard)			sq.ft	600	1000