



CARRIER ONE

STANDARD EFFICIENCY

- REFRIGERANT LEAKAGE DETECT
- SILENT
- SLEEP MODE
- 2 WAY DRAINING
- TURBO MODE
- AUTO RESTART FUNCTION
- LOUVER POSITION MEMORY
- TIMER
- FOLLOW ME
- SELFT - CLEANING
- HIGH DENSITY FILTER
- SELF-DIAGNOSIS AND AUTO-PROTECTION
- GOLDEN FIN COATING (INDOOR / OUTDOOR UNITS)



Indoor Unit Model			42KHA009LA1	42KHA012LA1	42KHA009LA3	42KHA012LA3	42KHA018LA3	42KHA024LA3
Outdoor Unit Model			38KHA009LPA1	38KHA012LPA1	38KHA009LPA3	38KHA012LPA3	38KHA018LPA3	38KHA024LPA3
Power supply (Outdoor)		V. Ph-Hz	115V,1Ph,60Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling	Nominal Capacity	Btu/h	9000	11000	8600	11000	18000	24000
	Input	W	942	1075	900	1076	1758	2344
	Rated current	A	8.5	9.6	4	4.8	7.8	10.4
	EER	Btu/w	9.6	10.2	9.6	10.2	10.2	10.2
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13
	Input	W	46.0	46.0	47.4	47.4	58.5	89.0
	RLA	A	/	/	/	0	/	0
	Capacitor	uF	3	3	1.5	1.5	1.5	3
	Speed(Hi/Mi/Lo)	r/min	1200/950/850	1200/950/850	<1300	1200/950/850	1290	1200/1050/950
Indoor air flow (Hi/Mi/Lo)		m3/h	480/360/310	580/440/380	516/390/388	580/440/380	745/600/530	994/843/749
Indoor air flow (Hi/Mi/Lo)		CFM	282.35/211.76/182.35	341.18/258.82/223.53	303.53/229.41/228.24	341.18/258.82/223.53	438.24/352.94/311.76	584.71/495.88/440.59
Indoor noise level (Hi/Mi/Lo)		dB(A)	38.5/33.5/28	41/34/31.5	39.5/33.5/31	41/34/31	40/35/32.5	44/40/37
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	715x194x285	805x194x285	957x213x302	1040x220x327
	Dimension(W*D*H)	inch	28.15x7.64x11.22	31.69x7.64x11.22	28.15x7.64x11.22	31.69x7.64x11.22	37.68x8.39x11.89	40.94x8.66x12.87
	Packing (W*D*H)	mm	780x270x365	870x270x365	780x270x365	870x270x365	1035x295x385	1120x405x315
	Packing (W*D*H)	inch	30.71x10.63x14.37	34.25x10.63x14.37	30.71x10.63x14.37	34.25x10.63x14.37	40.75x11.61x15.16	44.09x15.94x12.40
	Net/Gross weight	Kg	7.7/9.9	8.7/10.8	7.6/9.7	8.5/10.6	10.9/13.7	13.2/17
	Net/Gross weight	lbs.	16.98/21.83	19.18/23.81	16.75/21.38	18.74/23.37	24.03/30.20	29.10/37.48
Compressor	Model		ASN89E1VZZ	KSM106E2UDZK	ASN82N2VDZ1	KSM106N1VDZK	PA170M2A-3ET6	PA236G2C-3MTL
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	W	3130	3300	2800/2815	3910/3970	5030/5105	8174/8260
	Input	W	792	1130	680/695	925/935	1665/1670	1865/1885
	Rated current(RLA)	A	8.5	0	/	0	/	0
	Locked rotor Amp(LRA)	A	43.0	51	20	24	41.9	62
	Thermal protector		BF1400(MA)	UP3-27/HPA-544	BF765-MA	UP3-41/HPA-622	/	UP3-68
	Thermal protector position		EXTERNAL	INTERNAL	EXTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	uF	50.0	70.0	20.0	35.0	40.0	60.0
Refrigerant oil/oil charge		ml	ESTEL OIL VG74/210	ESTER OIL VG68-300	ESTER OIL VG68/280	ESTER OIL VG68 300	ESTEL OIL VG74/420	VG74/620
Outdoor fan motor	Model		YKT-32-6-229L	YKT-32-6-229L	YKT-24-6-236L	YKT-24-6-236L	YKT-48-6-219-1	YKT-63-6-204L
	Input	W	80.2	/	/	/	/	/
	RLA	A	0.7	0	/	0	/	0
	Capacitor	uF	5	5	2	2	2.5	4
	Speed	r/min	850/730	850/730	800	850/730	880	780
Outdoor air flow		m3/h	1800	2091	1800	2091	2100	3300
Outdoor air flow		CFM	1058.82	1230.00	1058.82	1230.00	1235.29	1941.18
Outdoor noise level		dB(A)	51.0	52.5	52	53	58.5	58
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	720x270x495	720x270x495	765x303x555	890x342x673
	Dimension(W*D*H)	inch	28.35x10.63x19.49	28.35x10.63x19.49	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	35.04x13.46x26.50
	Packing (W*D*H)	mm	835x300x540	835x300x540	835x300x540	835x300x540	887x337x610	995x398x740
	Packing (W*D*H)	inch	32.87x11.81x21.26	32.87x11.81x21.26	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	39.17x15.67x29.13
	Net/Gross weight	Kg	24.6/27	25.4/27.3	22.2/24	25.7/27.5	34.5/36.8	49.3/52.3
	Net/Gross weight	lbs.	54.23/59.52	56.00/60.19	48.94/52.91	56.66/60.63	76.06/81.13	108.69/115.30
Refrigerant type		g	R410A/400	R410A/500	R410A/420	R410A/520	R410A/880	R410A/1280
Refrigerant precharge		ft	15	15	15	15	15	30
Additional charge for each ft		oz	0.16	0.16	0.16	0.16	0.16	0.32
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)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	15	20	15	20	25	25
	Max. refrigerant pipe length	ft	49.21	65.62	49.21	65.62	82.02	82.02
	Max. difference in level	m	5	8	5	8	10	10
	Max. difference in level	ft	16.40	26.25	16.40	26.25	32.81	32.81
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Indoor(cooling/ heating)	°C	17 ~ 32	17 ~ 32	17 ~ 32	17 ~ 32	17 ~ 32	17 ~ 32
	Indoor(cooling/ heating)	°F	62 ~ 90	62 ~ 90	62 ~ 90	62 ~ 90	62 ~ 90	62 ~ 90
	Outdoor(cooling/heating)	°C	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43
	Outdoor(cooling/heating)	°F	64 ~ 114	64 ~ 114	64 ~ 114	64 ~ 114	64 ~ 114	64 ~ 114
Application area (Cooling Standard)		m2	12 ~ 18	15 ~ 21	12 ~ 18	15 ~ 21	24 ~ 35	32 ~ 47
Application area (cooling standard)		sq.ft	129.17 ~ 193.75	161.46 ~ 226.04	129.17 ~ 193.75	161.46 ~ 226.04	258.33 ~ 376.74	344.44 ~ 505.90
Qty'per 20' /40' /40'HQ			138/284/312	132/274/305	138/284/312	132/274/305	90/190/222	66/137/156



Turn to the experts