



CARRIER ONE

STANDARD EFFICIENCY

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



Indoor Unit Model			42KHA009LA1	42KHA012LA1	42KHA009LA3	42KHA012LA3	42KHA018LA3	42KHA024LA3	
Outdoor Unit Model			38KHA009PA1	38KHA012PA1	38KHA009PA3	38KHA012PA3	38KHA018PA3	38KHA024PA3	
Power supply (Indoor)			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
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	Capacity	W/hr	2638	3224	2638	3224	5275	7034	
	Input	W	880	1065	880	1070	1765	2355	
	Rated current	A	3.9	9.6	3.9	4.8	7.8	10.4	
	EER	W/W	3.00	3.03	3.00	3.01	3.00	3.00	
Indoor fan motor	Model		YKFG-15.4-2B-1	YKFG-15.4-2B-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	
	Capacitor	uF	3	3	1.5	1.5	1.5	3	
	Speed(Hi/Mi/Lo)	r/min	1200/950/850	1200/950/850	1200/950/850	1200/950/850	1290	1200/1050/950	
Indoor air flow (Hi/Mi/Lo)			m ³ /h	490/370/320	580/440/380	490/370/320	580/440/380	745/600/530	994/843/749
Indoor air flow (Hi/Mi/Lo)			CFM	288.24/217.65/188.24	341.18/258.82/223.53	288.24/217.65/188.24	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)	38/31.5/28.5	41/34/31.5	37.5/31.5/28	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	7.7/9.8	8.7/10.8	7.7/9.8	8.5/10.6	10.9/13.7	13.2/17	
	Net/Gross weight	lbs.	16.98/21.61	19.18/23.81	16.98/21.61	18.74/23.37	24.03/30.20	29.10/37.48	
Compressor	Model		KSN84E12VDB1	KSM106E2UDZK	KSN82N13VDZB1	KSM106N1VDZK	PA170M2A-3ET6	PA236G2C-3MTL	
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	
	Capacity	W	3085	3300	2970/3015 ±3% W	3910/3970	5030/5105	8174/8260	
	Input	W	755	1130	710/718 ±3% W	925/935	1665/1670	1865/1885	
	Rated current(RLA)	A	8.5	0	/	0	/	0	
	Locked rotor Amp(LRA)	A	34	51	(at 1φ-240V-60Hz) ±10% 20 A	24	41.9	62	
	Thermal protector		UP3-65(65H)	UP3-27/HPA-544	/	UP3-41/HPA-622	/	UP3-68	
	Thermal protector position		/	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	
	Capacitor	uF	50.0	70.0	20.0	35.0	40.0	60.0	
Refrigerant oil/oil charge	ml	VG68 190ML	ESTER OIL VG68-300	ESTER OIL VG68-270±10 ml	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	80.2	/	/	/	/	
	RLA	A	0.7	0	/	0	/	0	
	Capacitor	uF	6	5	2.5	2	2.5	4	
	Speed	r/min	850/730	850/730	850/730	850/730	880	780	
Outdoor air flow			m ³ /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)	54.5	52.5	55.5	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	22.2/24	25.4/27.3	22.2/24	25.7/27.5	34.5/36.8	49.3/52.3	
	Net/Gross weight	lbs.	48.94/52.91	56.00/60.19	48.94/52.91	56.66/60.63	76.06/81.13	108.69/115.30	
Refrigerant type			kg	R410A/0.46kg	R410A/0.5	R410A/0.44kg	R410A/0.52	R410A/0.88kg	R410A/1.28kg
Refrigerant precharge			g/m	15	15	15	15	15	30
Additional charge for each ft			oz/ft	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	20	20	20	20	25	25	
	Max. refrigerant pipe length	ft	65.62	65.62	65.62	65.62	82.02	82.02	
	Max. difference in level	m	8	8	8	8	10	10	
	Max. difference in level	ft	26.25	26.25	26.25	26.25	32.81	32.81	
Thermostat type				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//	///	///	
	Outdoor(cooling/heating)	°C	18~43//	18~43//	18~43//	18~43//	18~43//	18~43//	
	Outdoor(cooling/heating)	°F	///	64~114///	///	64~114///	///	///	
Application area (Cooling Standard)			m ²	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