

## CLA Series



## HIGH EFFICIENCY - COOLING DUCTLESS MINI-SPLIT SYSTEMS



High Quality



DC motor  
Energy-saving



Quiet  
Operation



Auto - Restart

### FEATURES:

- Gold fin protection
- Auto - Swing
- Auto - Restart
- Remote or wired control optional
- LCD display
- Dehumidification function
- High - efficiency filter
- Sleep mode function



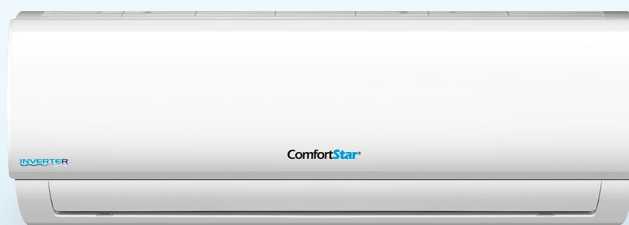
## INVERTER



**Comfort... it's in our name**

# CLA Series

Comfort... it's in our name



UP TO  
**18** SEER2

Indoor Unit Model Number			CLA12CA(I)	CLA12CD(I)	CLA18CD(I)	CLA24CD(I)
Outdoor Unit Model Number			CLA12CA(O)	CLA12CD(O)	CLA18CD(O)	CLA24CD(O)
Power supply			Ph-V-Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/h	12,000	12,000	18,000	24,000
	Input	W	1180	1180	1550	2060
	Current	A	10.4	5.2	6.8	9.1
	EER2	Btu/w	10.20	10.20	10.90	10.20
	SEER2	Btu/w	18.0	18.0	17	17
Compressor	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Capacity	W	2035/3255	2035/3255	2035/3255	4730
	Input	W	325/826	325/826	325/826	1250
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 450
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	ZKFP-58-8-1-5
	Capacitor	uF	3	1.5	1.5	/
	Speed(Hi/Mi/Lo)	r/min	1180/950/750	1180/950/750	1200/1000/800	1200/1000/800
Indoor air flow (Hi/Mi/Lo)		m3/h	593/455/337	609/470/350	818/639/515	980/750/610
Indoor air flow (Hi/Mi/Lo)		CFM	348.82/267.65/198.24	358.24/276.47/205.88	481.18/375.88/302.94	576.47/441.18/358.82
Indoor noise level (Hi/Mi/Lo)		dB(A)	40/33.5/27.5	40/33.5/26	43.5/37/30.5	46/40.5/34
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Dimension(W*D*H)	inch	31.69x7.64x11.22	31.69x7.64x11.22	37.68x8.39x11.89	40.94x8.66x12.87
	Packing (W*D*H)	mm	870x270x365	870x270x365	1035x295x385	1120x405x315
	Packing (W*D*H)	inch	34.25x10.63x14.37	34.25x10.63x14.37	40.75x11.61x15.16	44.09x15.94x12.40
	Net/Gross weight	kg	7.7/9.8	7.7/9.8	10.4/13.3	12.3/15.6
	Net/Gross weight	lb	16.98/21.61	16.98/21.61	22.93/29.32	27.12/34.39
Outdoor fan motor	Model		ZKFN-20-8-1	ZKFN-20-8-1	YKT-48-6-214-1	ZKFN-56-8-1
	Speed	r/min	850/600	850/600	810	900/700/600
Outdoor air flow		m3/h	1800	1800	2100	2500
Outdoor air flow		CFM	1058.82	1058.82	1235.29	1470.59
Outdoor noise level		dB(A)	55	55	56.5	56.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Dimension(W*D*H)	inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Packing (W*D*H)	inch	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21
	Net/Gross weight	kg	22.3/24	21.1/22.8	26.5/28.9	30.1/32.6
	Net/Gross weight	lb	49.16/52.91	46.52/50.26	58.42/63.71	66.36/71.87
Refrigerant type		oz	R410A/0.51	R410A/0.51	R410A/0.82	R410A/1.06
Additional charge per metre		g/m	15	15	15	30
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.32
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	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	25	25	30	30
	Max. refrigerant pipe length	ft	82.02	82.02	98.42	98.42
	Max. difference in level	m	10	10	20	20
	Max. difference in level	ft	32.81	32.81	65.62	65.62
Connection wiring			16AWG*4 Stranded, unshielded			
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
Qty per 40 HQ			270	270	195	172

# ComfortStar®

INVERTER



GOLDfin

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