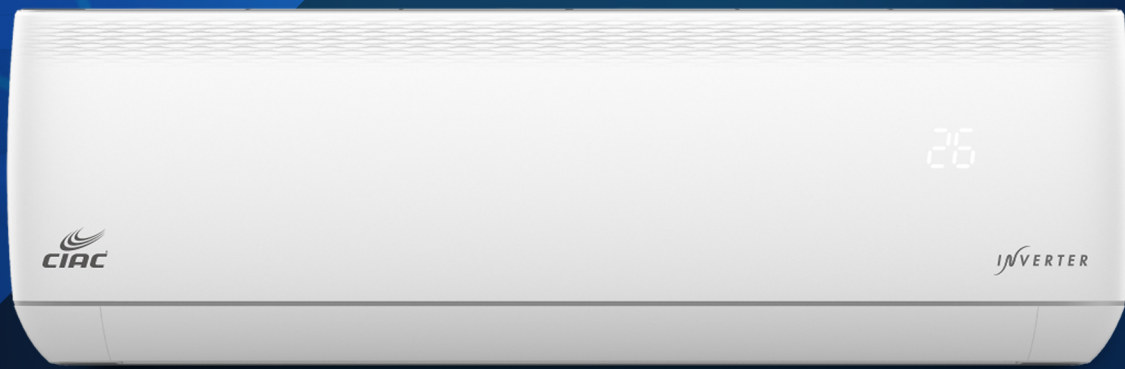




HIWALL

INVERTER | T SERIES



UP TO 20 SEER

R-410A
REFRIGERANT



AHRI CERTIFIED



ENERGY SAVING
(INVERTER / HIGH SEER)



LOW NOISE OPERATION



QUICKER HEAT / QUICK COOL
(FIN BLADE AIR FLOW 10%)



GOLDEN ANTI-CORROSION TREATMENT
(INDOOR AND OUTDOOR UNIT)



EASY INSTALLATION
(DEMOUNTABLE UNDERJAW)



HIGH-DENSITY DUST FILTER



WIFI ENABLED



INCLUDES

- Golden Anti-Corrosion Treatment (indoor and outdoor unit)
- 3 m Piping Kit
- 3.5 m Interconnecting Cable



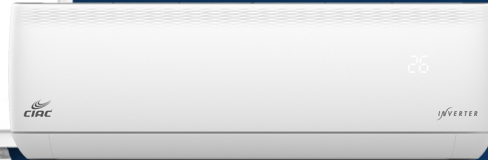
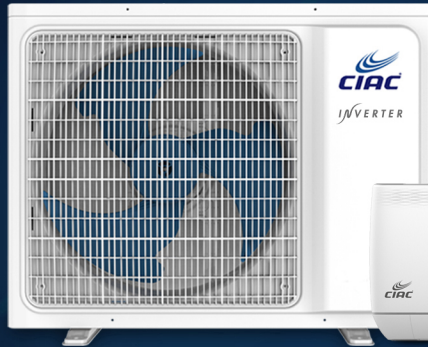
R-410A
REFRIGERANT



**panel for 17 SEER 12K 115v

**panel for 16.5 SEER 36K 220v

PRODUCT SPECIFICATION SHEET			SEER 17 Cooling Only	SEER 16.5 Heat Pump
DESCRIPTION			12k 115V	36k 220V
Outdoor unit model			CG43TX012PH1B1C	CG43TX036PH3B1H
Indoor unit model			CH43TX012-H1B1C	CH43TX036-H3B1H
Power supply			V,Hz,Ph	208-230V~,60HZ,1Ph
Cooling	Capacity	Btu/h	12000 (3000-13200)	34000 (6000-37400)
	Input	W	1200 (210-1700)	4040 (440-4550)
	Rated current	A	15.6 (1.9-17)	16.0 (2.1-20)
	EER	W/W	2.9	2.5
	SEER	W/W	17	16.5
Heating	Capacity	Btu/h	-	34000 (6000-37400)
	Input	W	-	3800 (440-4300)
	Rated current	A	-	15.7 (2.1-20)
	COP	W/W	-	2.62
	HSPF4	W/W	-	8.2
MINIMUM CIRCUIT AMPACITY			A	12.9
MAX.FUSE			A	25
Dehumidifying			L/h	1.5
Compressor	Model	-	ASN108D10UFZ	KTF310D43UMP
	Type	-	Rotary	Rotary
	Brand	-	GMCC	GMCC
	Capacity	Btu/h	3265	9490
	Input	W	878	2600
	Rated current(RLA)	A	10	10.5
	Locked rotor Amp(LRA)	A	20	30
Refrigerant oil/oil charge			ml	VG74 310ml
Indoor fan motor	Model	-	YYK1B-4D	D-310-50-8A
	Input	W	18	45
	FLA	A	0.36	0.70
	Capacitor	uF	3	NO
Indoor air flow (Hi/Mi/Lo)			r/min	1250/1180/1000/850
Indoor air flow (Hi/Mi/Lo)			m3/h	600/530/450
Indoor air flow (Hi/Mi/Lo)			CFM	357.1428571
Indoor noise level (Hi/Mi/Lo)			dB(A)	42/36/30
Indoor unit	Dimension(W*D*H)	mm	881×296×205	1250×360×253
	Dimension(W*D*H)	inch	34.7×11.7×8.1	49.2×14.2×10.0
	Packing Dimension (W*D*H)	mm	965×370×282	1210×400×327
	Packing Dimension (W*D*H)	inch	38.0×14.6×11.1	47.6×15.7×12.9
	Net weight	Kg/lbs.	9.5/20.9	16/35.3
	Gross weight	Kg/lbs.	12/26.4	22/48.5
	Outdoor fan motor	Model	-	D-24-8
Input		W	24	69
Capacitor		uF	NO	NO
Speed		r/min	820	900
Outdoor noise level			dB(A)	50
Outdoor unit	Dimension(W*D*H)	mm	730×545×285	900×700×350
	Dimension(W*D*H)	inch	28.5×11.1×21.2	35.4×27.6×13.8
	Packing Dimension (W*D*H)	mm	850×370×620	1020×430×770
	Packing Dimension (W*D*H)	inch	33.1×14.4×24.1	40.2×16.9×30.3
	Net weight	Kg/lbs.	25/55.0	58/127.9
	Gross weight	Kg/lbs.	30/66.0	64/141.1
Refrigerant Charged			g/oz.	820/28.52
Design pressure			PSIG	167/602
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35 (1/4) / 12.7 (1/2)	12.7 (1/2) / 15.88 (5/8)
	Max. refrigerant pipe length	m/ft	25 / 82	25 / 82
	Max. difference in level	m/ft	10 / 33	15 / 49
Connection wiring			-	(4*18AWG)*4.5m
Thermostat type			°C , °F	remote control
Operation temperature	Indoor(cooling/ heating)	°C °F	17~32 62~90	17~32/0~30 62~90/32~86
	Outdoor(cooling/heating)-optional		-15~50/- 5~122/-	-15~50/-15~30 5~122/5~86
Application area (cooling standard)			m2	13-27
Application area (cooling standard)			sq.ft	139.93-290.63
Container Loading 20/40/40HC			set	240



INCLUDES

- Golden Anti-Corrosion Treatment (indoor and outdoor unit)
- 3 m Piping Kit
- 3.5 m Interconnecting Cable

R-410A
REFRIGERANT



SEER 20 COOLING ONLY

DESCRIPTION		DESCRIPTION		12K 220V	18K 220V	24K 220V	
Nameplate Parameter	Outdoor unit model			CG43TX012PH3B1C	CG43TX018PH3B1C	CG43TX024PH3B1C	
	Indoor unit model			CH43TX012-H3B1C	CH43TX018-H3B1C	CH43TX024-H3B1C	
	Rated Capacity	Cooling	Btu/h	12000 (3000-13200)	18000 (3400-19200)	23000 (4600-24800)	
	Rated Power Consumption	Cooling	W/W	3685 (880-3880)	5612 (942-5630)	6755 (1348-7270)	
	Rated Running Current	Cooling	A	5.1	7.0	9.5	
	Max. Input Power		Btu	4787.04	4606.20	9212.40	
	Max. Input Current		A	6.1	9.0	12.9	
	EER Cooling		W/W	3.15	3.10	3.25	
	SEER		-	20	20	20	
	Power supply source		V/Ph/Hz	208~230V-1-60Hz	208~230V-1-60Hz	208~230V-1-60Hz	
	Refrigerant		-	R410A	R410A	R410A	
	Refrigerant Charged		oz	28.95	35.30	55.42	
	Max. Discharge Pressure		Mpa	4.15	4.15	4.15	
	Max. Suction Pressure		Mpa	1.15	1.15	1.15	
	indoor Noise level		dB (A)	42	48	51	
	outdoor Noise level		dB (A)	51	55	56	
	Indoor unit weight (Net)		lbs	22.00	26.40	28.60	
	Outdoor unit weight (Net)		lbs	59.40	72.60	105.60	
	Indoor unit configuration	evaporator	Multi-bend	-	3	3	3
			tube pitch	in	0.81	0.81	0.81
row pitch			in	1.00	1.00	1.00	
Fin			Length	in	719.29	26.40	33.49
			Diameter	in	0.28	0.28	0.28
			Thickness	in	0.01	0.01	0.01
		Fin spacing	in	0.06	0.06	0.06	
Face Area		in	25.6*0.8*0.55	26.4*1.62*0.6	66.5*12.7		
Fan system		Fan	Diameter	mm	Φ92	Φ107.9	Φ107.9
			Length	in	25.49	26.04	33.06
		Fan motor	Model	Pcs	YYK18-48-60 208-230V/60	D-310-30-8 310V	D-310-50-8A
			Motor speed (H/M/L)	rpm	1180/1000/900	1130/1015/900	1330/1015/1050
		Rated Input Power	Btu	61	≤198	171	
		Rated Output Power	Btu	61	102	171	
Dimension		Air circulation (H/M/L)	m ³ /h	650	850	1300	
		Packing Type (6 face/4 face)	-	6 face	6 face	6 face	
		Net Dimension	in	32.6*11.5*8	37*12.4*8.8	42.6*13*9	
	Packing Dimension	in	32.6*11.5*8	39.8*15.2*12.2	44.6*13*9		
	Condensate Drainage Pipe (O.D)	-	16.9	16.9	16.9		
Condensate Drainage Pipe (L)	in	78.80	78.80	78.80			
Connection	tube	Length	in	-	0.14	137.90	
		Thickness	in	0.02	0.03	0.02	
		Liquid tube Diameter	in	1/4	1/4	1/4	
		Thickness	in	0.03	0.02	0.02	
		Gas tube Diameter	in	5/8	1/2	1/2	
		Gas Valve	-	-	-	DG13	
Outdoor unit configuration	Compressor Model	-	-	C-1R2100H3CAF	KSM135D23UFZ	ATD186UKPA9LT6	
	Compressor Parameter	Brand	-	-	sanyo	GMCC	GMCC
		Capacity	Btu	11327.84	14432.76	24566.40	
		Input	Btu	2712.54	3684.96	5527.44	
		Rated current(RLA)	A	2.8/2.6	7.1	5.60	
	Refrigerant oil	ml	ALF68SZ	VG74	770		
	Fan system	Fan	Vane Number	-	3	3	3
			Diameter	in	15.37	16.59	20.1*6.2
		Fan motor	Model	-	D-24-8	D-40-8	D-69-8 310V
			Motor speed (H/M/L)	rpm	900/600	900	870
		Rated Output Power	Btu	81.89	136.48	235.43	
	tube	tube pitch	in	0.87	0.77	0.87	
			row pitch	in	0.75	0.75	0.75
		fin	Length	in	608.49	34.20	2059.04
			Diameter	in	0.31	0.28	0.28
			Thickness	in	0.01	0.01	0.01
			Fin spacing	in	0.05	0.06	0.05
Fins per inch 25.4mm			Pcs	20.00	20.00	19.00	
Face Area			in	27.66*19.94	34.2*19.98	34.34*26	
Net Dimension		in	28.1*21.3*9.9	31.32*20.69*11.43	35.1*27.3*13.7		
Packing Dimension		in	33.2*14.4*24.2	35.9*24.2*15.6	39.8*30*16.8		
Container Loading 20/40/40HC	sets	234	196	138			



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