

ComfortStar®

Air conditioning and Heating



CWI Series



Auto Swing



Wired Control (optional)



Auto - Restart



Follow me remote



24H Timer

UP TO
21
SEER2

HIGH EFFICIENCY - COOLING DUCTLESS MINI-SPLIT SYSTEMS

FEATURES:

- High Efficiency up to 21 SEER
- Auto Swing
- Auto-Restart
- GOLD FIN Protection
- WiFi
- Refrigerant Leak Detection Error Code
- 24 Hour Timer
- Follow me remote
- Manual Switch
- Interactive Display
- Self-Diagnosis
- 2-Way Draining
- Wired Control Option (optional)



Comfort... it's in our name

© 12201 N. W. 107th Avenue | Medley, FL 33178

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Indoor Unit Model Number			CWI12CD(I)	CWI18CD(I)	CWI24CD(I)
Outdoor Unit Model Number			CWI12CD(O)	CWI18CD(O)	CWI24CD(O)
Power supply		V-Ph-Hz	208-230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling (Standard conditions)	Capacity	Btu/h	12,000	18,000	24,000
	Input	W	963	1545	2110
	Current	A	4.2	6.7	9.0
	EER2		11.9	11.3	9.9
	SEER2		21.0	21.0	18.5
Rated Power Input		W	2050	2950	2850
Rated Current		A	9.5	13.5	13.5
Starting current		A	5	/	/
Compressor	Model		KSK103D33UEZ3	KSN140D58UFZ	KSN140D58UFZ
	Type		ROTARY	ROTARY	ROTARY
	Capacity	W	2035/3255	4315	4315
	Input	W	325/826	1090	1090
	Rated current(RLA)	A	2.40/5.65	7	7
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 440	ESTER OIL VG74 440
Indoor fan motor	Model		ZKFP-20-8-6-7	ZKFP-30-8-3	YKFG-45-4-13
	Input	W	50.0	36.0	89.0
	Speed(Hi/Mi/Lo)	r/min	1200/1000/750	1100/800/700	1100/900/800
Indoor coil	a.Number of rows		2	2.0	2.0
	c.Fin spacing	mm	1.3	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Indoor air flow (Hi/Mi/Lo)	m3/h	550/430/300	900/750/600	988/776/562
Indoor noise level (Hi/Mi/Lo)	dB(A)	40/34/25	42/34.5/28	45.5/39/35	
Indoor unit	Dimension(W*D*H)	mm	802x189x297	965x215x319	1080x226x335
	Packing (W*D*H)	mm	875x285x380	1045x305x410	1155x415x320
	Net/Gross weight	kg	8.8/11.3	11.4/14	14.3/17.9
Outdoor fan motor	Speed	r/min	850/500	900/450	950/700/600
Outdoor coil	a.Number of rows		1	2.0	2.0
	b.Tube pitch(a)x row pitch(b)	mm	14.5x12.56	19.5x11.6	19.5x11.6
	c.Fin spacing	mm	1.2	1.2	1.2
	d.Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
Outdoor noise level	dB(A)		53	57.0	56.0
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	887x337x610	915x370x615
	Net/Gross weight	kg	22.1/23.9	27.9/30.3	30.5/33.1
Refrigerant type		kg	R410A/0.65	R410A/0.9	R410A/1.07
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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	30	30
	Max. difference in level	m	10	20	20
Connection wiring			16#x4//	16#x4//	16#x4//
Plug type			14#x3/no-plug	//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~32//	17~32//	17~32//
	Outdoor(cooling/heating)	°C	-15~50//	0~50//	0~50//
Application area (Cooling Standard)		m2	15~22	23~33	28~41
Qty Per 40HQ			270	195	172

ComfortStar®

INVERTER



GOLDfin

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