ComfortStar®

Air Conditioning & Heating Products



CAC-V

ComfortStarX32 smart series™

R32+ ECO FRIENDLY REFRIGERANT

HIGH EFFICIENCY

COOLING DUCTLESS MINI-SPLIT SYSTEMS

FEATURES

- i-Clean Self-Cleaning
- Auto Swing
- Cooling, Dehumidifying & Fan Modes
- Whisper-Quiet Operation
- Remote Control
- Wi-Fi Control
- Easy Installation & Maintenance
- Powerful, Efficient Cooling
- Golden Fin Corrosion Protection
- Triple-Layer Anti-Rust Protection
- Wide-Voltage Protection
- Flash Cooling
- Refrigerant Leak Detection
- Smart Diagnosis

WIFI · SLEEP MODE · ECO MODE · LOW NOISE

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

AHRI CERTIFIED · INVERTER

12860 N.W. South River Dr. Medley, FL 33178

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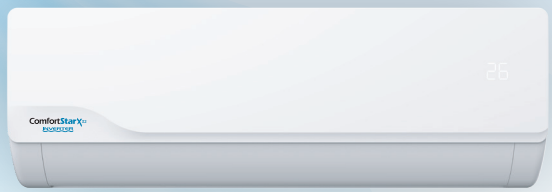
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Indoor Unit			CAC12CA(I)-V	CAC12CD(I)-V	CAC18CD(I)-V	CAC24CD(I)-V
Outdoor Unit			CAC12CA(O)-V	CAC12CD(O)-V	CAC18CD(O)-V	CAC24CD(O)-V
Power Supply		V-Ph-Hz	115V_1Ph_60HZ	220_230V_1Ph_60HZ	220_230V_1Ph_60HZ	220_230V_1Ph_60HZ
Cooling (Standard Conditions)	Capacity	Btu/h	12000	12000	18000	24000
	Range	Btu/h	4415~13000	2800~12200	3150~19000	4800~24000
	Input	W	1015	1180	1840	2015
	Range	W	255~1170	110~1300	150~1800	320~2300
	Current	A	10	5.8	8.5	9.2
	Range	A	2.7~11.5	1.9~6.2	0.7~8.3	1.42~10.2
	SEER2	Btu/W.h	20	21	22	21
	EER2 (AHRI)	Btu/W.h	11	11.5	10	11
Rated Power Input		W	2000	2000	2500	2850
Rated Current		A	17	9.5	13.5	13
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	W	2020/3245 ±3%	850	2020/3245 ±3%	2690/4350
	Input	W	332/850 ±3%	3000	332/850 ±3%	434/1127
	Rated Current (RLA)	A	2.42/5.70 ±3%	/	2.42/5.70 ±3%	3.18/6.9
Indoor Fan Motor	Input	W	35	/	55	88
	Speed (Hi/Mi/Lo)	r/min	1100/940/860	1250/1050/950	1150/850/750	1050/890/650
Indoor Coil	a. Number of Rows		2	2	2	2
	b. Tube Pitch (a) × Row Pitch (b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	19.5x11.6
	c. Fin Spacing	mm	1.3	1.3	1.3	1.3
	d. Fin Type (Code)		/	/	Hydrophilic aluminum	Hydrophilic aluminum
	e. Tube Outside Diameter and Type	mm	Φ5,/	Φ5,/	Φ5,Inner groove tube	Φ5,Inner groove tube
	f. Coil Length × Height × Width	mm	530x195x23.2+530x97.5x23.2	530x195x23.2+530x97.5x23.2	770x195x23.2+770x117x23.2	820x214.5x23.2+820x117x23.2
	g. Number of Circuits		3	3	4	6
Indoor Air Flow (Hi/Mi/Lo)		CFM	324/224/176	353/282/247	500/382/324	676/547/500
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	39.5/32.5/30	44/38/34.5	43.5/37.5/33	45.5/42/40
Indoor Unit	Dimensions (W × D × H)	mm	723x199x286	723x199x286	975x218x308	1055x231x330
		inch	28.5x7.8x11.3	28.5x7.8x11.3	38.4x8.6x12.1	41.5x9.1x13.0
	Packing Dimensions (W × D × H)	mm	780x270x360	780x270x360	1035x295x380	1130x405x310
		inch	30.71x10.63x14.17	30.71x10.63x14.17	40.75x11.61x14.96	44.49x15.95x12.20
	Net/Gross Weight	kg	7.3/9.5	7.3/9.5	10.1/13.3	12.4/15.8
		lbs.	16.09/20.94	16.09/20.94	22.27/29.32	27.34/34.83
Outdoor Coil	a. Number of Rows		1	1	1.6	2
	b. Tube Pitch (a) × Row Pitch (b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	19.5x11.6
	c. Fin Spacing	mm	1.2	1.2	1.2	1.2
	d. Fin Type (Code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e. Tube Outside Diameter and Type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube
	f. Coil Length × Height × Width	mm	740x468x11.6	740x468x11.6	755x507x11.6+462x507x11.6	875x507x23.2
Outdoor Air Flow		CFM	1058.823529	1058.823529	1235.294118	1352.941176
Outdoor Noise Level		dB(A)	52.5	55.5	57	60
Outdoor Unit	Dimensions (W × D × H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
		inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81
	Packing Dimensions (W × D × H)	mm	828x330x530	828x330x530	885x375x605	940x410x605
		inch	32.60x12.99x20.87	32.60x12.99x20.87	34.84x14.76x23.82	37.01x16.14x23.82
	Net/Gross Weight	kg	20.5/24.9	19/23.3	22.2/26	27.9/33.1
		lbs.	45.19/54.89	41.89/51.39	48.94/57.32	61.49/72.97
Refrigerant Type		kg	R32/0.38	R32/0.36	R32/0.62	R32/0.85
		oz	13.4	12.7	21.9	30
Design Pressure		MPa	4.3/1.7	4.3/1.5	4.3/1.7	4.3/1.7
Refrigerant Piping	Liquid Side / Gas Side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)		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
		ft	82	82	98	98
	Max. Difference in Level	m	10	10	20	20
		ft	32	32	66	66
Connection Wiring			1.5x4//	1.5x4//	1.5x4//	1.5x4//
Thermostat Type			Remote Control	Remote Control	Remote Control	Remote Control
Operation Temperature		℃	17~30	17~30	17~30	17~30
		℉	62~86	62~86	62~86	62~86
Room Temperature	Indoor (Cooling / Heating)	℃	16~32//	16~32//	16~32//	16~32//
		℉	60~90//	60~90//	60~90//	60~90//
	Outdoor (Cooling / Heating)	℃	0~50//	0~50//	0~50//	0~50//
		℉	32~122	32~122	32~122	32~122
Application Area (Cooling Standard)		m2	16~23	16~23	24~35	29~43
		ft2	172~247	172~247	258~377	312~463
Qty per 20' / 40' / 40' HQ			140/290/320	140/290/320	85/180/205	78/165/190

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