

# ComfortStar®

Air Conditioning & Heating Products



UP TO  
**23** SEER2



ComfortStar<sup>X32</sup>  
INVERTER

## CAC-WI20 Series

HIGH EFFICIENCY - COOLING  
DUCTLESS MINI-SPLIT SYSTEMS

### FEATURES:

- Independent Dehumidification
- 24H Timer
- Turbo Mode
- Auto Mode
- Smart Comfortable Sleep
- ECO
- Display On/off
- Mute Mode
- Auto Swing Louver
- Filter Cleaning Reminder
- Refrigerant Leak Detection
- Golden Fin Coating
- Rapid Cooling
- Auto Restart
- Fire-Resistant Electrical Box
- Self-Diagnostics
- Celsius/Fahrenheit Temperature Display
- Louver Position Memory
- Metal Side and Rear Grille
- Wide Operating Voltage Range (165–265V)
- Remote Control



ComfortStar<sup>X32</sup>

*Comfort, it's in our name.*



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# CAC-WI20 Series

## ComfortStar<sup>®</sup>X<sup>32</sup>

UP TO **23** SEER2



INDOOR UNIT			CAC12CA(I)-WI20	CAC12CD(I)-WI20	CAC18CD(I)-WI20	CAC24CD(I)-WI20	CAC36CD(I)-WI20
OUTDOOR UNIT			CAC12CA(O)-WI20	CAC12CD(O)-WI20	CAC18CD(O)-WI20	CAC24CD(O)-WI20	CAC36CD(O)-WI20
<b>Type</b>			Cooling only	Cooling only	Cooling only	Cooling only	Cooling only
<b>Control type</b>			Remote	Remote	Remote	Remote	Remote
<b>Power supply</b>			115V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P	208-230V~/60Hz/1P
<b>Cooling</b>	<b>Rated cooling capacity</b>	Btu/h	12000(2050~13000)	12000(2050~13000)	18000(3410~19000)	24000(5120~25000)	36000 (7500~38000)
	<b>Rated current</b>	A	9.2(2.0~13)	4.1(1.0~7.1)	7.5(1.6~12.0)	10.5(1.5~13)	16.5 (2.7~18.5)
	<b>Rated input</b>	W	1065(200~1500)	925(220~1500)	1710(300~2000)	2350(200~2650)	3700 (390~3900)
	<b>Max Current</b>	A	13	7.7	12.0	13	18.5
	<b>Max Power input</b>	W	1500	1500	2100	2700	3900
	<b>EER</b>	<b>W/W</b>	<b>3.30</b>	<b>3.80</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>
	<b>SEER2</b>	<b>Btu/W.h</b>	<b>20</b>	<b>23</b>	<b>19.5</b>	<b>20</b>	<b>20</b>
<b>Moisture removal</b>		Pint/h	2.75	2.75	3.80	5.07	7.61
<b>Indoor air circulation(Cooling)</b>		CFM	353	353	589	706	883
<b>Indoor noise level at cooling(High/Med./Low)</b>		dB(A)	40/36/33	40/37/33	46/41/35	50/43/40	54/44/38
<b>Indoor unit</b>	<b>Net dimensions</b>	Inch	31.93x11.50x7.99	35.83x11.57x8.11	35.83x11.57x8.11	39.76x12.40x8.66	46.89x14.17x10.16
	<b>Net weight</b>	Lbs.	18.7	21.4	21.4	25.4	38.6
	<b>Packing dimensions</b>	Inch	34.84x14.41x10.83	38.54x14.65x10.91	38.54x14.65x10.91	43.15x15.35x11.69	49.61x16.93x12.91
	<b>Gross weight</b>	Lbs.	24.3	27.6	27.6	32.0	47.3
<b>Outdoor noise level</b>		dB(A)	53	53	56	57	64
<b>Outdoor unit</b>	<b>Net dimensions</b>	Inch	30.98x11.42x19.61	31.89x12.01x21.61	33.54x13.74x23.7	33.98x13.74x23.70	38.50x16.57x31.61
	<b>Net weight</b>	Lbs.	47.3	50.6	66.8	64.9	97.9
	<b>Packing dimensions</b>	Inch	32.99x13.31x21.26	33.54x14.09x23.62	35.43x15.94x25.39	35.04x15.16x24.72	40.24x18.90x32.87
	<b>Gross weight</b>	Lbs.	57.2	60.6	77.8	78.3	112.2
<b>Refrigerant control type</b>			Capillary	EEV	EEV	EEV	EEV
<b>Refrigerant</b>		oz	R32/13.40	R32/16.58	R32/16.58	R32/21.87	R32/40.92
<b>Pressure</b>	<b>High(DP)</b>	PSI	624	624	624	624	624
	<b>Low(SP)</b>	PSI	174	174	174	174	174
<b>Refrigerant piping</b>	<b>Gas side/Liquid side</b>	Inch	(3/8'')/(1/4'')	(3/8'')/(1/4'')	(1/2'')/(1/4'')	(1/2'')/(1/4'')	(5/8'')/(1/4'')
	<b>Max. refrigerant pipe length</b>	ft	82	82	98	98	164
	<b>Min. refrigerant pipe length</b>	ft	9.8	9.8	9.8	9.8	9.8
	<b>Max. difference in level</b>	ft	32.8	32.8	65.6	65.6	82
<b>Connecting Wiring</b>	<b>Size x Core number</b>		4x1.5mm <sup>2</sup>	4x1.0mm <sup>2</sup>	4x1.5mm <sup>2</sup>	4x0.75mm <sup>2</sup>	4x0.75mm <sup>2</sup>
<b>Drainage Pipe</b>			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
<b>Room temperature</b>	<b>Indoor</b>	°F	63-90	63-90	63-90	63-90	63-90
	<b>Outdoor</b>	°F	32-127	32-127	32-127	32-127	32-127
<b>Suitable area</b>		sq.ft	161~248	161~248	215~377	323~538	431~646
<b>Loading Capacity 40HQ with pipew</b>		PCS	330	250	210	200	110



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